Manitoba

Annual Report 1985 - 86

Highways and Transportation

Manitoba

Minister of
Highways and Transportation

Room 203,
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

To His Honour,
Dr. George Johnson,
Lieutenant-Governor of Manitoba,

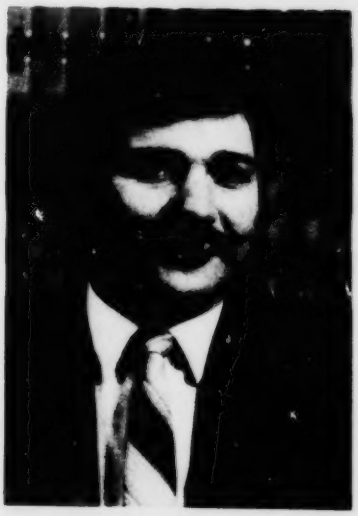
May It Please Your Honour:

I have the privilege of presenting for the information of Your Honour the Annual Report of the Department of Highways and Transportation for the fiscal year ending March 31, 1986.

Respectfully submitted,

John L. Plohman

Honourable John S. Plohman
Minister of Highways and
Transportation



Manitoba Youth
Moving Ahead
International
Youth Year 1985

Manitoba

Deputy Minister of Highways and Transportation

209 Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

THE HONOURABLE MINISTER OF HIGHWAYS AND TRANSPORTATION

I am pleased to present this Annual Report which outlines the Department's accomplishments during the fiscal year which ended March 31, 1986.

In 1985/86 the Department's emphasis in our highway program was directed at protecting our investment in existing highway infrastructure and enhancing safety for the travelling public. Consequently, rehabilitation and restoration works took preference over the construction of new roadways in our construction program.

In addition, we increased our sealcoat program significantly, thus extending pavement life while at the same time improving the traction and reflectiveness of roadway surfaces for greater highway safety.

A substantial increase in our summer dust treatment program was aimed at improving safety on our gravel road network, with particular attention being paid to long stretches of this type of road surface in northern Manitoba with the provision of dust-free passing areas.

In 1985/86 there were several new types of signs developed to improve information provided to the travelling public, and in particular tourists visiting our Province. The first phase of a Community Signing Program was introduced mainly to inform travellers of services that are available to them in Manitoba communities. A total of 33 communities participated in this first year.

In addition, a program to identify radio station frequencies was implemented with the cooperation of the radio industry in Manitoba, resulting in the installation of 60 radio station frequency signs along our highways within the broadcast area of 24 radio stations.

As part of our program of enhancing pedestrian safety on crosswalks, 80% of the pedestrian corridors on our highway system were retrofitted with pedestrian-activated overhead flashing lights.

The Program for transportation of the Mobility Disadvantaged in Rural Manitoba is administered by the Department and has grown dramatically, with 27 communities participating in 1985/86 compared to 11 communities in 1984/85. It is estimated that 34.6 percent of rural Manitoba is now being serviced by this program.

In December 1985, the Department began a new air ambulance (Life Flight) service. Up to March 31, 1986 the aircraft, a new Cessna Citation S11 especially designed as an air ambulance, flew almost 300 hours for a distance of approximately 142,000 kms carrying over 134 patients. The aircraft is staffed 24 hours a day by two pilots and a flight nurse, and responds to calls throughout the Province. The air ambulance program, although delivered by this Department, is funded by the Department of Health, with Highways and Transportation providing the pilots and aircraft maintenance.

The Department continued its commitment to driver and vehicle safety through various safety programs in 1985/86. One program that experienced significant growth was the Driver Education program. The number of students enrolled in the program grew to 8300 from the previous year's total of 6000.

The Department played a major role in responding to the Federal Government's "Freedom to Move" legislation. Manitoba's brief to the Standing Committee on Transport covering the deregulation proposals resulted in the committee making a number of recommendations for changes that will benefit Manitoba shippers and travellers.

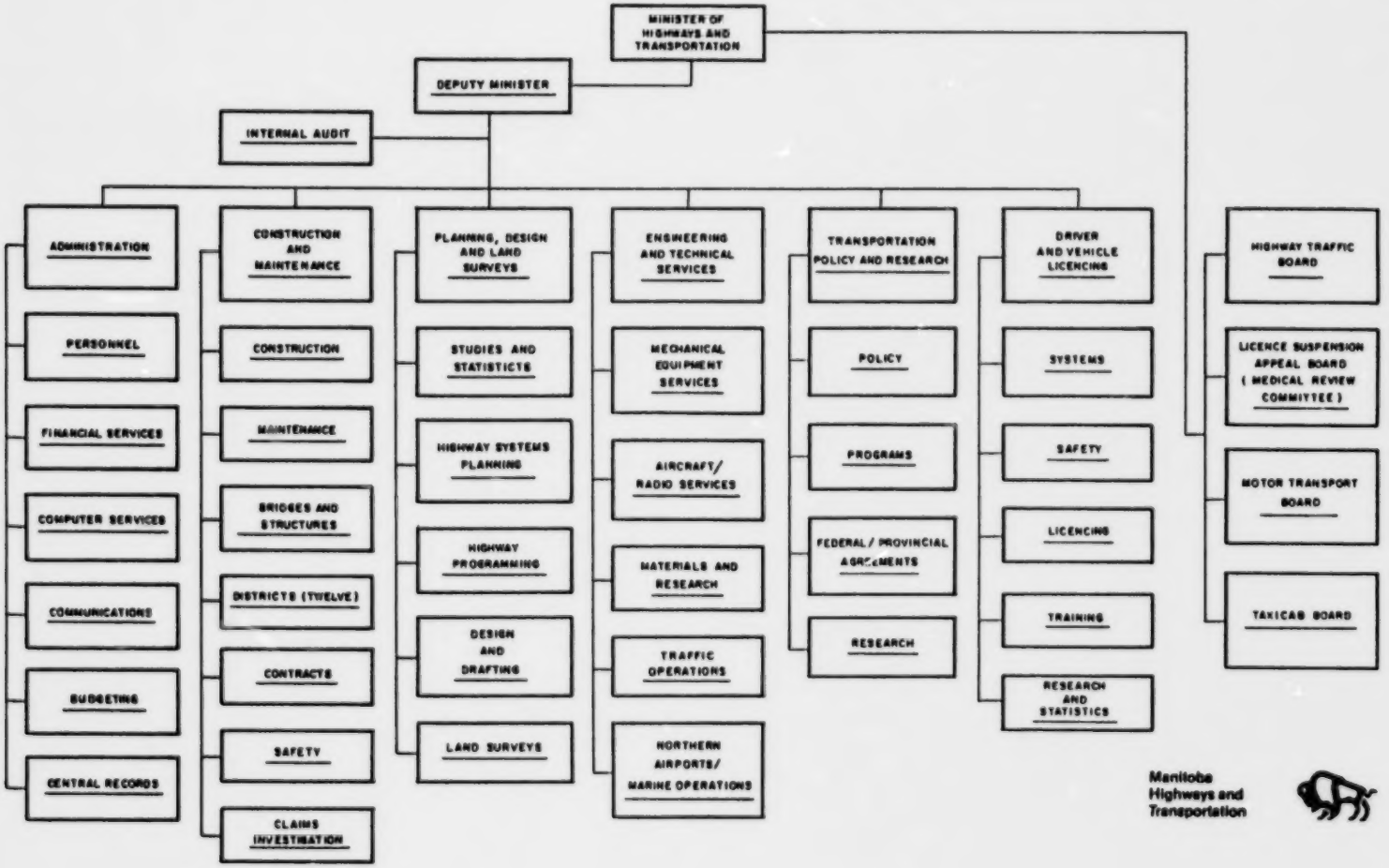
Under the Canada-Manitoba Subsidiary Agreements on Transportation Development and Churchill, a prototype grain car was built and tested, and a locally manufactured railbus was constructed and moved to northern Manitoba for testing. The projects have the potential to improve grain transportation to the northern port of Churchill as well as provide better quality of life and mobility in the North.

This document fulfills the reporting requirements laid down in the Highways and Transportation Department Act.

Respectfully Presented,

Boris R. Hryhorczuk
Deputy Minister

Organization Chart



Manitoba Highways and Transportation

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A B B R E V I A T I O N S

A.C.	-	asphalt cement
A.S.T.	-	asphalt surface treatment
Bdry.	-	boundary
C.N.R.	-	Canadian National Railway
C.P.R.	-	Canadian Pacific Railway
C.F.	-	cable ferry
CMP	-	corrugated metal pipe
CT	-	commercial truck
CR.	-	credit
CWT	-	hundredweight
Dist.	-	district
E.	-	east
E.D.	-	Electorial Division
HPS	-	high pressure sodium
H.F. (SSB)	-	high frequency (single side band)
Jct.	-	junction
lbs.	-	pounds
L.F.	-	linear foot
L.G.D.	-	Local Government District
M.fbm	-	thousand foot board measurement
M.V.	-	motor vessel
N.	-	north
N.E. 1/4	-	northeast quarter section
No.	-	number
Prov.	-	province or provincial
P.R.	-	Provincial Road
P.T.H.	-	Provincial Trunk Highway
P.S.V.	-	public service vehicle
Rec.	-	recreational
R.L.	-	river lot
R.T.A.C.	-	Roads and Transportation Association of Canada
R.C.M.P.	-	Royal Canadian Mounted Police
R.M.	-	Rural Municipality
Sec. 34-24-12W.	-	Section, Township, Range, West
S.	-	south
S.P.C.M.P.	-	structural plate corrugated metal pipe
sq.ft.	-	square feet
T.C.H.	-	Trans-Canada Highway
T.T.	-	treated timber
U.V.D.	-	Unincorporated Village District
U.S.A.	-	United States of America
V.H.F. (F.M.)	-	very high frequency (frequency modulation)
V.H.F. (A.M.)	-	very high frequency (amplitude modulation)
W.	-	west

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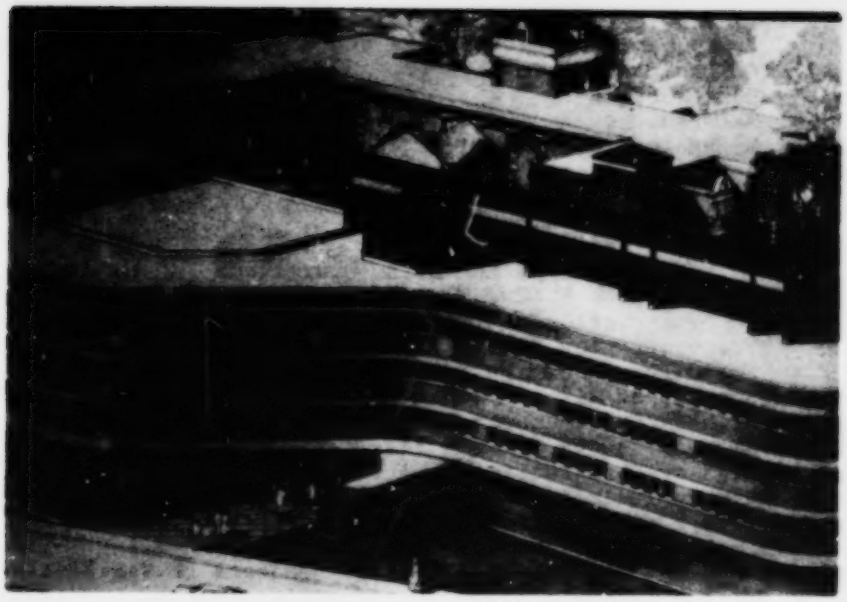


The new Transportation Institute at the University of Manitoba will be a centre of study on transportation issues.

Administration

PERSONNEL

The Personnel Services Section is responsible for providing personnel, administrative and payroll services and systems to management and employees of the Department. These services are provided through the development of policies and procedures and the provision of support services in recruitment, salary administration, pay and benefits administration and classification. Support services are also offered in organizational analysis, contract administration, collective bargaining, employee relations, employee health, and training and development.

During the year, projects initiated the previous year were continued. These included inhouse projects to support supervisors at the middle and lower levels of the organization, in terms of their responsibilities for ensuring job performance and handling discipline and employee health related matters.

Recruitment activity for the year ending December, 1985 included: sixty-four regular competitions; seventeen Departmental competitions; thirty-two competitions delegated to a Section (i.e. entry level, Airport Operations and Maintenance) and a total of ten waivers of competition.

In terms of hiring under the Affirmative Action Policy, a total of twenty-four full time, seven Departmentals and eleven summer students were hired.

A total of sixty-nine native persons were employed by contractors on seven different contracts for a total of six hundred and seventy-seven person weeks of work. In the Outreach recruitment area a total of sixteen career day presentations about employment opportunities with the Department were completed.

FINANCIAL SERVICES

The Financial Services Section is responsible for providing central accounting, financial information and related administrative services to Departmental programs and management. The Section ensures that internal accounting systems are in place to monitor financial matters, including:

1. revenue and expenditure;
2. cash receipts and disbursements;
3. accounts receivable.

This section is also responsible for the preparation of annual estimates and the Department's Quarterly Forecast of Expenditures and Revenues and monthly expenditure reports for managers.

During the year the Financial Services Section processed 67,783 payment vouchers to pay suppliers for goods and services received. Approximately 11,000 invoices were produced for services provided to other government departments, agencies and third parties with a total expenditure and recoveries of approximately $5.4 million.

INTERNAL AUDIT

Internal Audit was established in the Department of Highways and Transportation in April 1984 to provide the Deputy Minister and departmental management with a broad-based independent systematic review and appraisal of all departmental operations for the purpose of advising management on its internal policies, practices and controls.

The group fulfills this management support role by:

- Planning, conducting and reporting internal audits in a manner that looks beyond a financial compliance thrust and past orientation of audit effort to a present and future orientation of managerial practices, controls and program operations. This allows for an assessment of whether management is provided with reliable information needed to make informed decisions and for accountability purposes.

- Auditing to a management process of planning, operating, controlling and evaluating and to management program delivery practices.

Internal Audit reports operationally to an Audit Committee comprised of the Deputy Minister and senior departmental executive. This committee approves annual and long-term audit plans and reviews all audit reports prepared by the audit function.

During 1985-86 Internal Audit completed and reported upon four audit entities; Driver Testing Revenues, Private Equipment Rentals, Bridge Section and Mechanical Equipment Services Inventory System. As part of its on-going review of the Canadian Agreement on Vehicle Registration (CAVR) the section completed seven compliance and eighteen verification audits of trucking companies.

Internal Audit also conducted post-audit reviews of Highway Traffic Inspection, Claims Investigation and the Program for the transportation of The Mobility Disadvantaged In Rural Manitoba. It participated as a committee member reviewing a consultant's feasibility report on Mechanical Equipment Services - Equipment Management System.

In addition, audits on Driver Licencing, Maintenance Management System and Materials and Research had been started and were still in process at year-end.

COMPUTER SERVICES

Computer Services supports the Department of Highways and Transportation activities by evaluating, developing, implementing, maintaining, monitoring and supplying effective automated information exchange and processing systems. Those services are further extended to the Driver and Vehicle Licencing Division through the Systems and Data Processing Section of that division.

Emphasis is placed on those tasks having a high economic and social return on investment. The department often takes advantage of systems that have already been developed by other transportation or related jurisdictions in order to save development costs and time.

Over one thousand computer programs, incorporated in over thirty applications, are maintained.

System Accomplishments

The project definition for the development or acquisition of a comprehensive Construction Management system was completed, and will be incorporated into a Request for Proposals which will be issued in the first part of the new fiscal year. The purpose of this system will be to lend more automated support to the management of the Department's Construction activities.

As a result of last year's Feasibility Study, the Department is proceeding with implementation of Computer Aided Design and Drafting technology in support of its already automated Roadway Design System. Equipment selection and associated negotiations were completed this year, and after considerable effort, a very favourable resolution to the metric aspects of the Interactive Graphics Roadway Design System was reached. The impact of this technology will begin to make itself felt in the ensuing fiscal year.

As projected last year, a Feasibility Study for a Radio Unit Management System was completed, and is currently under review. Development of a system is likely to result in the next fiscal year.

Project Definition and Feasibility Study for an Equipment Mangement System were completed on behalf of Mechanical Equipment Services. Approval was obtained to proceed in the next fiscal year with the Project Specifications for this system. Those specifications will be prepared by Canadian Management Control Systems, the contractor for the previous phase of the project.

Due to fiscal considerations, alternative means of extending the APIMS (Accounting, Procurement and Inventory Management System) to the remaining warehouse stores were explored throughout the past year. Although the system was not actually extended to the other stores as originally intended, a cost-effective, superior method of doing so was devised, and implementation of this approach will now occur forthwith.

The concept of End User Development of simple computerized systems was introduced to the department, and several projects have proceeded under this methodology, including: Construction Program Progress System; Airport & Marine System and Salary Detail System. The approach appears viable and will expedite certain system development activities in future. Improved support of this and other end user computing activities is planned via introduction of an Information Centre in the near future.

Planning for next year's Distributed Office Support System (DISOSS) electronic mail pilot is underway, with the intent of including senior Department management in a test of this technology as a productivity tool for the Department.

Internal studies of the potential for Microcomputers and for Distributed Data Processing within the Department are nearing completion. These will identify opportunities for these technologies within the Department and will be incorporated into an Information Processing Strategy to be developed in the next fiscal year.

Other activities included: detailed design of a Computer Processing Chargeback system for the Department; implementation of the Bituminous samples component of the Materials Laboratory Sample Analysis System; pilot of an application development aid called "Telon" is underway and photocopier distribution and usage was reviewed and improved from both cost and service viewpoints.

System Production and Operations

Eleven thousand batch jobs were processed. The total number of records keypunched and keyverified was approximately three hundred and seventy thousand.

One hundred and forty thousand on-line inquiry update transactions were submitted against data bases of the Vehicle Driver System and the Accounting, Procurement and Inventory Management System.

COMMUNICATIONS

The mandate of the Communications Section includes media relations, improving public information, production of a department newsletter, writing and editing department news releases, brochures and documents, speech-writing, organizing news conferences and assisting with department's annual report. The Communications Section also provides advice on communication strategy as well as providing support for the department's activities, government strategy and policy information.

The major accomplishments of the Communications Section during 1985-86 include:

- review of all Driver and Vehicle Licencing Division brochures and and scheduling of brochure revisions,

- review of all Driver and Vehicle Licencing Division form letters;

- assisting with the writing and design of a Physically Disabled Parking Decal Brochure,

- production of a Transportation of the Mobility Disadvantaged in Rural Manitoba Program Brochure,

- co-ordination with the Planning and Design Division of the review and re-design of the Manitoba Highway Map,

- production of a department newsletter for employees,

- production of a Careers Audio-Visual for the Equal Opportunity Co-ordinator,

- assisting with the production of the Department Annual Report,

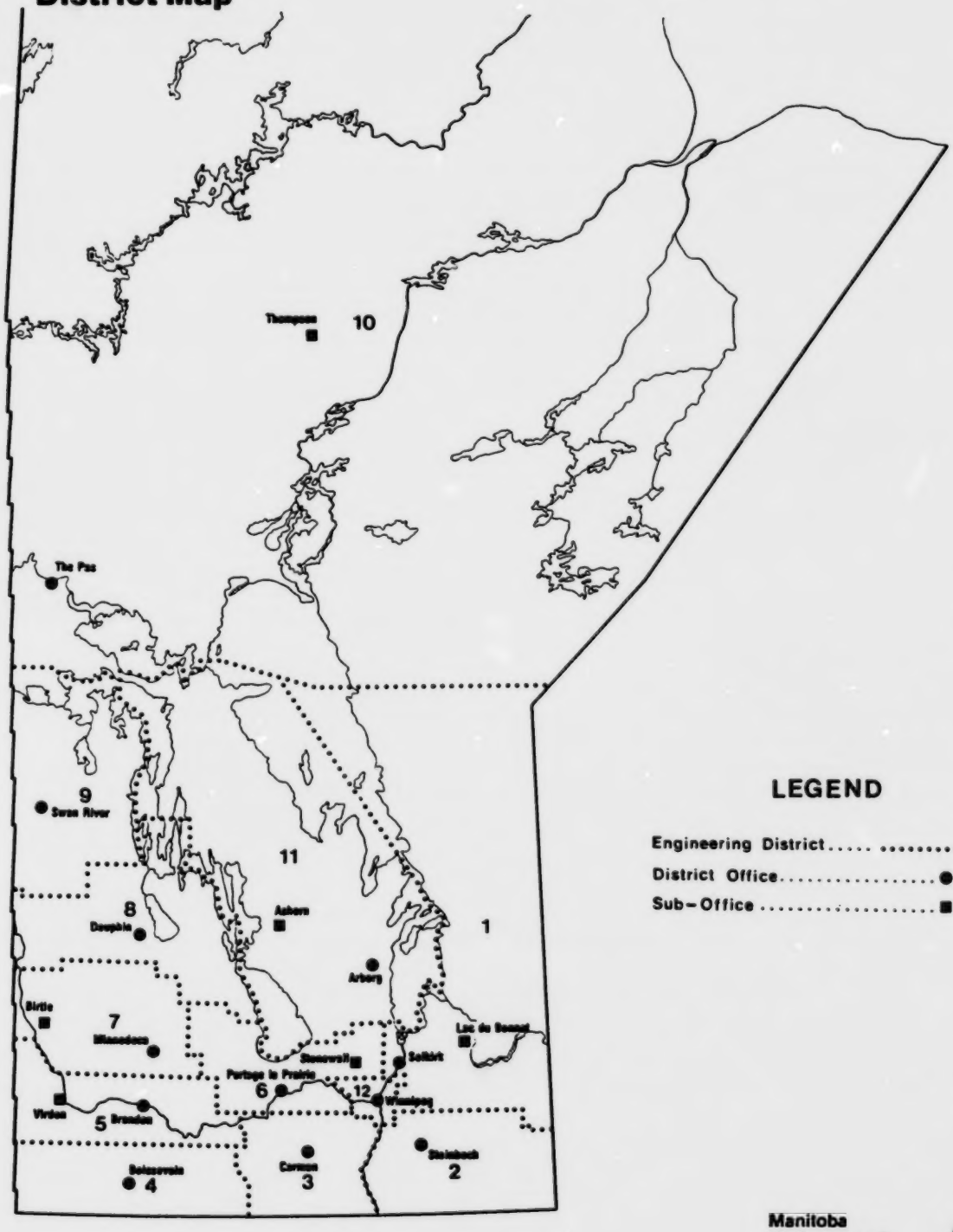
- co-ordination of the Estimates House Book and the Minister's Issues House Book,

- assisting with the production of two audio-visuals about the Transportation and Churchill Sub-agreements,

- planning and implementation of communications strategies as well as the editing of position papers and policy briefs,

- planning of official openings and news conferences in addition to writing many news releases and speeches.

District Map



LEGEND

Engineering District ....

District Office ..... ●

Sub-Office ..... ■

Manitoba
Highways and
Transportation

Construction and Maintenance

CONSTRUCTION

The Construction Program represents a wide variety of activity from preliminary survey through grading and bridge construction to finished paved surfaces. This program is administered by 12 engineering districts located throughout the Province as shown on the map on the opposite page.

Major projects in this years Construction Program were of a widely diversified nature as indicated by the following projects which represent some $20,000,000.00 worth of work.

Start of the new Red River Bridge North of Selkirk	4,900,000
P.T.H. No. 75 Concrete Pavement South of St. Adolphe	4,663,000
P.T.H. No. 5 Bituminous Pavement On Dauphin Bypass	1,825,000
P.T.H. No. 101 Bituminous Pavement and Concrete Median Barrier (P.T.H. No. 59 to P.T.H. No. 9)	3,590,000
P.R. No. 391 Grade and Gravel South of Leaf Rapids	3,450,000
Granular Base Course and Asphalt Surface Treatment on the Easterville Road east of P.T.H. No. 10	1,950,000

In addition, 173 other formal Contracts advertised this year plus 250 informal Contracts resulted in an expenditure of $86,254,535 by the end of the fiscal year. Five hundred and seventeen kilometres of grading and three hundred and twenty-five kilometres of asphalt surface treatments and new pavements are among the accomplishments set out in detail and summarized in Table C-1.

The base course and asphalt surface treatment on the Easterville Road east of P.T.H. No. 10 was the last section on this road to be oil treated to provide a dust free surface between P.T.H. No. 10 and P.T.H. No. 6. This highway provides an alternate route between Winnipeg and The Pas that is shorter than any other route by at least 110 km.

Highway Construction Specifications were updated, converted to metric and distributed during the year. A new "Specification for Traffic Control" was introduced to the construction industry during the winter. Five seminars were held to acquaint 350 engineering staff and private contractors with the contents of the Specification. Emphasis was placed on interpreting and enforcing the Specification uniformly throughout the Province.

MAINTENANCE

Maintenance accounted for 25.7% of the total department expenditure. The maintenance operation of $50,080,040.17 was split between summer (71%) and winter (29%).

The maintenance program is carried out by 94 beat crews and 81 drag beats which are geographically distributed throughout the Province. In addition to the above, there are specialized crews which look after seal coats, stockpiling premixed asphalt, gravel crushing, concrete repair, routing and filling bituminous pavements and bridge repairs.

The following outline indicates the units accomplished and/or manhours expended on major maintenance activities.

a) SUMMER

Premix Patching	60,800 cubic metres
Spray Patching	1,385,919 litres
Seal Coat Program	1,644 lane kilometres
Concrete Repairs	27,460 manhours
Dragging Gravel Roads	416,616 pass kilometres
Dust Control	2,124.9 tonnes calcium chloride
	975,496 litres calcium lignosulfonate
Drag Gravel Shoulders	37,835 shoulder kilometres
Mowing	32,524 hectares
Sign Maintenance	40,017 manhours
Erecting New Signs	360,834 square decimetres
Spring Weight Restrictions	43,578 manhours
Pavement Marking	17,723 kilometres

b) WINTER

Snowplowing	951,615 pass kilometres
Snow Clean-up	72,917 manhours
Sanding	41,517 cubic metres
Spreading Chemical	73,987 pass kilometres
Winter Stand-by	35,004 manhours

The 1985/86 winter was more moderate than the previous winter. This is substantiated by the fact that there was a 9.0% decrease in winter expenditures over the previous year.

TRAFFIC INSPECTION

This section which consists of 55 staff and 5 supervisory regions, operates 11 Highway Traffic Inspection Stations on a permanent basis. Two of these stations, Headingley and West Hawk Lake, operate twenty-four hours, seven days a week, while the other stations operate on a Monday to Friday basis. There are 27 staff employed at our permanent facilities.

The province is divided into 15 inspection territories with inspection staff assigned to patrol these areas. Portable scales are used when staff are patrolling highways and provincial roads to ensure that motor vehicles are operating within the allowable weights identified in the Highway Traffic Act.

The purchase of eight electronic portable platform weight scales located both on and off highways has greatly improved the weighing of high volume traffic with the least inconvenience to the trucking industry.

Activities

1. Provide uniform inspection of vehicles and enforcement of the Highway Traffic Act, the Dangerous Goods Handling and Transportation Act and regulations made thereunder as they pertain to the truck transportation industry throughout the Province. i.e., weights, dimensions, equipment safety (lamps, brakes, flares, etc.) driver and vehicle licences, placarding and documentation.

2. Ensure that movement of overdimensional and overweight loads is carried out in a safe manner with a minimum of strain on highway surfaces and structures.

3. Ensure movement of freight is carried out in accordance with public service operating authorities issued by the Motor Transport Board.

4. In-depth regional inspections or "blitzes" are undertaken at selected locations during which a thorough inspection of vehicles and cargo are carried out. These blitzes are planned for each of the five supervisory areas, and are used to more effectively monitor and control trucking activities.

5. Investigates complaints.

6. Provide positive public relations through improved communication with and education of the trucking industry relative to all the above.

7. Collection of single trip and fuel tax fees.

A staff training program was initiated recently to provide individual certifications which is mandatory for enforcement of The Dangerous Goods Handling and Transportation Act.

Consistent with the recommendations of The Task Force Review on Motor Carrier Regulation, the Department is intensifying its efforts to control illegal trucking activities in Manitoba. Pursuant to the strengthened regulatory approach adopted by The Motor Transport Board, a more stringent enforcement policy for Public Service Vehicle violations is being undertaken. Effective March 1, 1986, if an unauthorized carrier is inspected and found to be transporting goods for compensation or if a licenced PSV carrier is found to be transporting goods in contravention of an existing operating authority, the vehicle will be detained until a duly authorized carrier can be secured. This more stringent approach to control of PSV carriers is in response to the trucking industry's call for improved enforcement in the area of contravention of operating authorities and the illegal transportation of unauthorized goods.

The following table describes some of the more important operational statistics from March 1, 1985 to February 28, 1986.

TRAFFIC INSPECTION STATISTICS

	1984/85	1985/86
Common Offence Notices	2,091	2,415
Inspection Reports	2,823	2,213
Investigation Reports	608	663
Written Warnings	449	427
Observation Reports Investigated	58	51
Single Trip Certificates	13,787	11,374
Motive Fuel Permits	11,132	9,330
Transit Licences	315	242
Single Trip Fees	$582,503.61	$582,252.77
Fuel Tax Fees	$305,192.57	$255,302.28
Transit Licence Fees	$ 4,719.00	$ 3,600.00

PROSECUTIONS INSTITUTED & DISPOSED OF:

Overweight & Dimension	2,057	2,064
Driver Licencing	105	89
Faulty Equipment & Safety	318	570
Authority & Vehicle Licencing	244	406
	2,724	3,129

BRIDGES AND STRUCTURES

GENERAL

Bridges and Structures is responsible for the design, construction and maintenance of bridges, large culverts and overpass structures on highways and roads under the jurisdiction of the Department of Highways and Transportation.

DESIGN

The Division designed a wide variety of structures in the 1985/86 fiscal year.

A sampling of the design projects includes:

(a) a four span, 142 m long precast prestressed concrete I - girder and reinforced concrete deck bridge over the Assiniboine River on a proposed relocation of P.R. No. 340,

(b) a three span, 72 m long continuous steel plate girder bridge over West Baker's Narrows on P.T.H. No. 10,

(c) a two span, 51 m long precast prestressed concrete box girder bridge over Washow Bay on P.R. No. 234,

(d) a 49 m long structural steel truss bridge over the Assean River on the Thompson/Gillam Road,

(e) the Cook's Creek Bridges on P.T.H. No. 44 which include standardized P.T.H. type precast prestressed concrete channel girders,

(f) the Birch River Bridge on the Main Market Road which employs economical modules of standardized P.R. type precast prestressed concrete channel girders,

(g) a triple 3.0 m x 3.5 m x 40 m long reinforced concrete box culvert in Mineral Creek on P.T.H. Nos. 5 and 10,

(h) two 3.7 m diameter Structural Plate Corrugated Steel Pipes in South Moswakot River on the Thompson/Gillam Road,

(i) the re-use of salvaged treated timber girders for the Glencairn Drain Bridge which accesses P.R. No. 462,

(j) the addition of the cantilevered sidewalk to the existing Mossy River steel truss bridge in the town of Winnipegosis, and

(k) the modifications to the deck of the bridge over the Red River Floodway on P.T.H. No. 59S. to accommodate resurfacing.

Computer design assistance and design detail review meetings continued with the engineering consultant responsible for designing the Red River Bridge located north of Selkirk.

The Division also continued to receive and supply information relating to its upcoming participation in A.A.S.H.T.O.'s Bridge Design System Project. This Project will provide a standardized inventory of computer programs for bridge design.

CONSTRUCTION

As well as continuing the supervision of work carried over from the previous fiscal year, 67 contracts and construction orders which included 34 separate projects were let during the 1985/86 fiscal year.

The staff of the construction section carried out bridge inspections upon receipt of "Request for Bridge Assistance" from District Engineers.

An item of special interest is the start of the construction of the Red River Bridge north of Selkirk.

MAINTENANCE

The Bridge Division maintenance crews worked on 91 separate projects which included construction of and major repairs to 7 bridges, general repairs to 24 structures, painting and cleaning of 28 structures, and other projects varying from installation of Michigan shoe anchors to providing and setting up equipment for official ceremonies.

FERRIES

The Treesbank Ferry on Provincial Road No. 340 is operated by the Rural Municipality of South Cypress under a grant system.

Subsurface Soil Explorations

The following is a list of major activities undertaken in this fiscal year.

Appropriations	P.T.H. 15-7A	P.R. 15-7A	MAIN MARKET 15-7A	Total
Sites	9	19	5	33
Borings	52	46	45	143
Linear Metres	420	622	258	1,300

Others		No. of Borings	Linear Metres
District 1	Red River north of Selkirk	6	26
District 1	P.R. No. 406, Relocation	2	18
District 6	P.R. No. 427, Slide Area	1	12
District 8	P.T.H. No. 5, Road Cuts	4	22
District 9	P.T.H. No. 10, Slide Area	3	77
District 9	P.R. No. 588, Road Cuts	4	35
District 11	P.R. No. 233, Heckla Island Rock Quarry	43	95
District 12	P.R. No. 238, River Road - Slide Areas	25	241
District 18	Maintenance Yard, McGregor Farm Road	5	45
	Totals	93	571

Field Sampling and Testing

Standard Penetration Tests	612
Vane Shear Tests	66
Shelby Tubes	196
Split Spoon Samples	830

Statement of Bridge Materials Stockpiled at Beausejour and Dauphin

Inventory - April 1st, 1985	$1,048,857.39
Purchases	215,004.69
Charges for Inspection and Handling	13,296.14
Sub-Total	1,277,158.22
Less Issues	322,306.76
Inventory as of March 31, 1986	$ 954,851.46

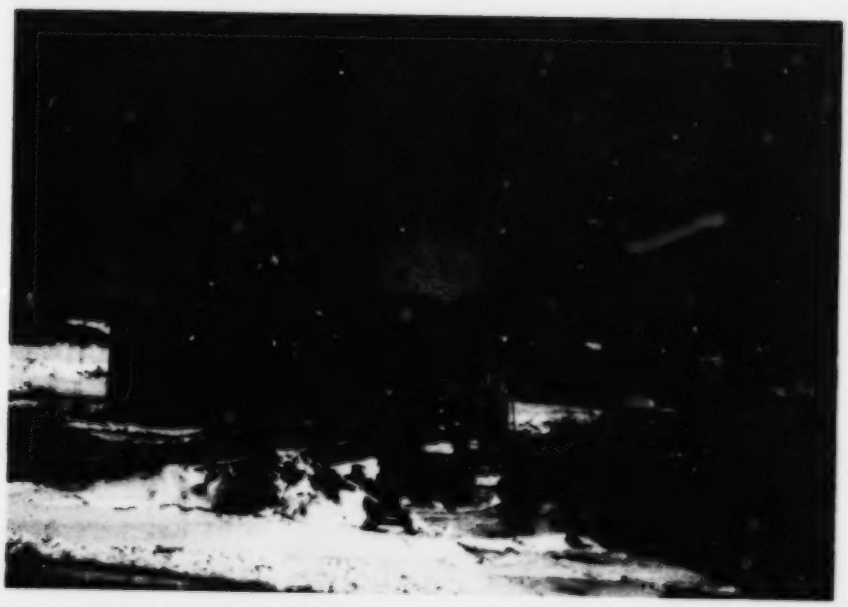
Summary of Issues

Type of Material Issued	Quantity	Approximate Unit Price	Total Value
Treated Timber	135 754 m^3	$458.51/$m^3$	$ 63,161.71
Treated Timber Piles	2 824 m	20.50/m	57,905.80
Steel "H" Piles	2 671 m	54.81/m	146,397.51
Bridge Iron	8 000.109	2.478/kg	19,820.75
Steel Pipe Guardrail	247	56.78 ea.	14,024.04
Steel Beam Guardrail	123	71.89 ea.	8,842.57
Guardrail Terminals	48	21.20 ea.	1,017.74
Paints, Primers, Thinners	1 140 L	5.17 L	5,896.07
Timber Join Preserver	319.92 L	5.45 L	1,743.56
Steel "H" Pile Points	76	46.01 ea.	3,497.01
		TOTAL	$322,306.76

Treated timber and treated timber piling accounted for 38% of total value of bridge materials issued during the fiscal year. The use of treated timber in the previous fiscal year was considerably higher as approximately twelve service road bridges and four access road bridges were constructed utilizing treated timber throughout.

Steel H piling, including steel pile points accounted for 46% of the total value of issues. The Bridge iron and steel guardrails represented 14% of the total issues. Miscellaneous items such as wood preservatives, paints, primers and related products accounted for the remaining 2%.

The only increase in cost of material worthy of note was a 5% increase in cost of milled treated timber products. Cost of all other items remained quite constant, showing only minor fluctuations. Value of year end inventory was reduced by approximately $100,000.00 representing a 10% reduction.



Construction continues on the Selkirk Bridge

Planning, Design and Land Surveys

The Planning, Design and Land Surveys Division provides the Department with the necessary planning, programs, roadway design, and legal plans to develop a primary (P.T.H.) and secondary (P.R.) system of roads in the Province. The Division also attempts to protect the existing infrastructure from any adverse impacts by controlling land use and access along these provincial highways.

HIGHWAY SYSTEMS PLANNING

During the 1985/86 fiscal year, highway planning staff were involved in the following major studies and reviews:

Winnipeg-Selkirk Corridor Highway Routing and Design Study

This study, being undertaken by a consortium of consultants - I.D. Engineering Company and DelCan, commenced in 1984 and is expected to be completed in 1986. There are a number of transportation issues related to the provincial highway system in the Red River corridor between Winnipeg and Selkirk. These include: (i) determining the method of upgrading the four-lane undivided portion of P.T.H. No. 9 north of Winnipeg; (ii) determining the need for and location of a new route, in addition to P.T.H. No. 9, between Winnipeg and Selkirk; (iii) determining the location of a new crossing of the Red River south of Selkirk to ultimately replace the aging Lockport Bridge; and (iv) the need for continuity of P.R. No. 410 between P.T.H. No. 8 and P.R. No. 238. These issues require resolution as a result of land development pressures in the Red River corridor and operational problems on the existing highway network.

The Consultants have identified the need for a median on P.T.H. No. 9 and several methods for upgrading this highway. They have also identified four possible corridors for the new route between Winnipeg and Selkirk, and three alternatives for a new crossing of the Red River downstream from Lockport.

Members of the Technical Steering Committee met with the Selkirk and District Planning Area Board in the summer of 1985 to inform them of the status of the study.

Shortly, the Consultants will commence their evaluation of the study alternatives. It is intended that the results of the study will then be presented to the Local Land Use Committee, to local municipal officials, and to the public for their review and comments.

Highway Classification Study

This in-house study has been completed. The study has categorized highways in terms of their importance in the Provincial network with respect to the movement of traffic on the one hand, and provision of access to adjoining land on the other. All provincial highways have been classified as either expressways (four-lane divided highways) and arterials, whose primary purpose is to serve through (long-distance) traffic movements; or collectors, whose emphasis is to serve both short-trip traffic movement and land access.

The study has concluded that design standards can be downgraded for 80% of the highway system, thus reducing the cost of construction of these roadways as compared to current practice. This would be accomplished by setting back the timing of paving very low volume roads as well as reducing the shoulder widths to be provided on Provincial Roads eligible for paving. However, the standards would still be within nationally acceptable safe limits.

Standards will continue to be maintained at the current level for 20% of the system, representing the principal highway network. This latter figure applies to the higher classification highways such as four-lane divided highways and primary arterials. No increase in lane and shoulder widths is proposed for these higher classifications; however, partial paving of the shoulders is proposed on some 750 km of the higher volume routes over time. This will increase safety, particularly where high volumes of trucks and recreational vehicles are being experienced. It is further anticipated that this treatment should result in reduced maintenance costs at the interface between the pavement and gravel shoulders.

This study proposes that all four-lane divided highways and arterials should be designated as Provincial Trunk Highways. This means that some additional routes will fall under the jurisdiction of the Highway Traffic Board for access and development control. These additional routes will, in some instances, require upgrading over a number of years as a result of carrying vehicles up to a maximum loading of 56,500 kg (125,000 lbs.) g.v.w.

The study has identified approximately 1560 km of highways which are currently Provincial Roads that should be considered for designation as arterial routes and given Provincial Trunk Highway status. Approximately 1100 km of these roadways are already paved and should be considered for transfer to P.T.H. status within the next few years. A number of existing Provincial Roads, particularly in the North, should be designated as Provincial Trunk Highways in the near future in order to recognize their strategic importance. Increasing allowable loading on these routes at this time will have the effect of reducing transportation costs to northern communities and enhancing natural resource development. In addition, the 260 km Thompson-Gillam Road should be designated as a Provincial Road because of its resource development role. It would ultimately be upgraded to P.T.H. standards and designated as such.

Approximately 730 km of current P.T.H.'s have been identified as having only collector status, and these should be considered for downgrading to Provincial Road status at some time in the future.

Brandon Eastern Access Study

This study by the consulting engineering firm, Underwood McLellan Limited, was completed during the year. The 49th Street route was re-evaluated along with four other alternatives that were closer to the developed areas of Brandon.

The results of the study indicated that while the alternatives closer to Brandon were superior to the 49th Street alternative in terms of their ability to divert traffic (including trucks) from existing City streets, in the environmental and social impact categories, these routes were inferior to the 49th Street alternative. Overall, the 49th Street route was determined to be the best alternative for the eastern access to Brandon.

The proposed 49th Street East route includes an interchange at Trans-Canada Highway, a grade separation at the main C.P.R. rail line and a bridge at the Assiniboine River. The Department has been authorized to commence acquisition of right-of-way. New aerial photography of the route has been obtained so that detailed design can commence. A feasibility study is being undertaken to determine whether the proposed route should underpass or overpass the C.P.R. mainline. The project is subject to further review by the Southwestern Land Use Committee, the Brandon Area Planning District Board and property owners.

Development Review

The Department reviews land use and development proposals adjacent to the provincial highway system in order to maintain a high level of operation and safety for the travelling public, and also to protect the considerable provincial investment in the transportation infrastructure. During the year, more than five hundred zoning by-laws and about fifty land use documents and development plan amendments were reviewed.

The Division also participated in various Local and Regional Land Use Committees and other "ad hoc" committees established to resolve issues related to land use.

During the regular review of subdivision applications, nearly seven hundred proposals were studied and comments submitted to the Municipal Planning Branch or the City of Winnipeg Department of Environmental Planning.

The Division also participated in six Municipal Board hearings and in various meetings with developers, municipalities and Planning District Boards.

More than two hundred and fifty Crown Land proposals were reviewed and comments submitted to the Department of Natural Resources. These proposals could affect several modes of transportation (e.g. air, water or highway) or granular deposits required for highway construction. The proposals consist of (i) sales, leases and general permits of Crown Land; (ii) exchange of Crown Land with various local Government Districts and (iii) reservations of Crown Land for various municipal, provincial and federal authorities.

HIGHWAY PROGRAMMING

The inventory files for provincial highways were updated to include 1985/86 construction records, highway geometric changes, average maintenance costs, traffic volumes, pavement condition ratings, and accident statistics.

The highway system was analyzed for deficiencies, and sections of highway that required improvement were identified. In addition to the annual pre-advertising program and the annual construction program, a 3-year highway program was developed during the year. In this 3-year program, proposed projects have been listed under the categories of rehabilitation, upgrading or new construction. During program review, priority is given firstly to rehabilitation projects, then to upgrading projects, and finally to new construction projects.

STUDIES AND STATISTICS

The annual traffic counting on provincial highways continued and the annual average daily traffic flow map and statistics book were prepared.

A truck weight survey was carried out seasonally at 3 locations. As well, traffic classification was undertaken at 20 locations on a seasonal basis. Sixty-two special one-day turning movement counts were taken for signal, pedestrian corridor or intersection design studies.

LAND USE AND ACCESS CONTROL

The Department provided evidence to 70 Traffic Board hearings where 834 applications for permission to erect structures and advertising signs or to construct access approaches to Limited Access Highways were heard.

A similar review was made of permit applications involving other departmental roads.

The Department attended 12 Public Utilities Board hearings called to deal with appeals of applicants who were previously denied access or building permits by the Highway Traffic Board.

DESIGN AND DRAFTING

The activities of the Design Section continued to be centered around the more complex roadway design projects such as functional and final plans for multi-lane highways, traffic interchanges, channelized intersections, and urban arterial connections.

The district offices continued to be responsible for the detailed and more general routine designs such as the preparation of location plans for upgrading existing roads. The Design Section assisted the district offices by providing basic design criteria; and during the design stage, by providing engineering guidance and advice when required. Upon completion of the district designs, the Design Section reviewed the plans and profiles prior to submission to Head Office for approval.

Main Street Manitoba Projects

The Main Street Manitoba program, which is administered by the Department of Municipal Affairs, endeavours to enhance the main streets in urban communities by means of landscaping and streetscaping (i.e. planting of trees, placement of benches, ornamental lighting, etc.). This Department's responsibility is to ensure that the Main Street Manitoba proposals are compatible with present and future highway needs. The Departments's involvement varies from reviewing conceptual and detailed construction plans, to coordinating main street improvements with proposed highway projects. Fifteen projects were reviewed by Design staff during the year.

Other responsibilities of the Design Section included various studies with respect to access control, provision of highway access for major land-use development plans, and sight distances at new highway bridges.

This year, the Department hired an engineer with computer-aided design (CADD) experience which will increase and enhance the services provided by the Design Section.

Drafting Activities

The Drafting Section updated district, municipal, town and village maps to incorporate the latest information regarding new locations, numbering and surface type. Thirteen large wall maps were also updated to reflect changes, including the maps in the Minister's and Deputy Minister's offices.

The Drafting Section prepared a new traffic count map, traffic count location map, control section map, and new control line maps. Information was prepared for a contract to produce an all new official highway map for 1986/87 which would incorporate a smaller size to fit the many 4-colour presses now available in Manitoba. A traffic inspection map was prepared as well as 1191 sketch plans for buildings, signs, and access control.

Drawings for numerous railway and gas pipeline crossings were drafted for locations that affected provincial highways. Charts and maps were prepared for the review of proposed subdivisions throughout the Province. Various maps and plans were prepared for rail line abandonment and Crown Land sales in Manitoba. Revisions to location plans were made as required throughout the year. Special photo enlargements were made for various areas throughout the Province, as well as mosaics and charts for special projects such as the Winnipeg-Selkirk Corridor, and the Brandon Area Provincial Highway Study. Maps and charts were prepared for a road classification and control line study.

Slides were taken of various construction projects throughout the Province to be used for presentations such as the annual R.T.A.C. Conference, the Official Highway Map and the Annual Report.

LAND SURVEYS

During the fiscal year 1985/86, this Section's field and office activities were similar to the average of the previous three years, as illustrated in the statistical summary which follows. Using this average as a base, there was a decrease in the number of kilometres of section line retracement, standard posts placed, centreline kilometres of all roads surveyed, provincial trunk highway surveys, provincial road surveys, plans drafted, and Orders of the Minister closing public roads. There was an increase in the number of other road surveys, miscellaneous surveys, retracement surveys, plans registered in Land Titles Offices, survey requests, and expropriation requests.

There was a decrease in the number of survey requests carried over by this Section and an increase in the number of unregistered plans at Land Acquisition Branch waiting to be processed for registration. As of March 31, 1986, 24 expropriation plans were at Land Acquisition Branch for processing.

Some of the major projects completed during the year were surveys on Highway No. 44 from P.T.H. No. 59 to Garson, the New Red River Crossing north of Selkirk from P.T.H. No. 9 to P.T.H. No. 59, and multipurpose surveys of Island Lake and Norway House Airports.

This Section has been able to adequately cope with the new policy for acquisition of right-of-way, and can report that there are many positive features. Under the new procedure, land survey plans are registered in the Land Titles Office more expeditiously, thereby decreasing the problems associated with the delayed registration of plans under the old system.

The Division was represented on the Canadian Council on Survey and Mapping.

Statistical Summary and Comparison of Operations

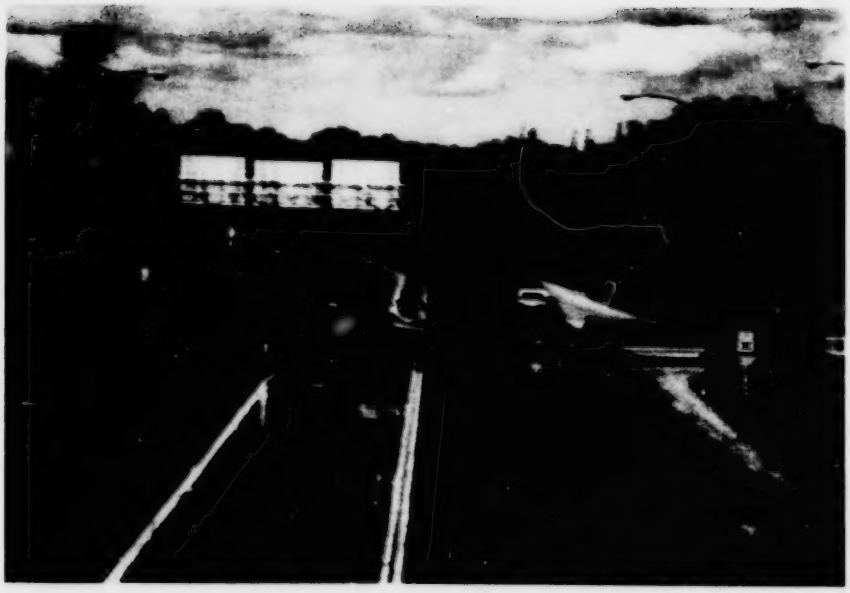
	1985/86	1984/85
Kilometres of section line retracement	1160	1260
Standard posts placed at section corners	850	949
Centreline kilometres of all roads surveyed	307	437
Provincial Trunk Highway surveys	14	20
Provincial Road surveys	33	40
Other road surveys.	12	9
Miscellaneous surveys	18	20
Retracement surveys	41	29
Plans drafted	128	155
Plans registered in Land Titles Offices	136	119
Orders of the Minister closing public roads	19	39
Survey requests	120	108
Expropriation requests	26	24
Carryover of unregistered plans at Land Acquisition Branch	76	79
Carryover of survey requests	14	16

GENERAL

The Section reviewed 399 Manitoba Telephone System buried cable proposals adjacent to provincial and municipal roads. In all cases, the utility company was advised where to locate the lines in order to avoid disruption from possible future highway construction operations.

The Division, in conjunction with representatives from the Federal Railway Transport Committee and the railway companies, investigated railway crossings for which signal protection or other revisions had been requested. Approval was received to install signals at three unprotected highway-railway crossings on the provincial highway system. Various abandoned rail lines were also inspected to determine what portions of former railway right-of-way should be retained for future highway purposes.

Contact was maintained with technical organizations in the highway field, including the Roads and Transportation Association of Canada (R.T.A.C.), the Western Association of Canadian Highway Officials, the U.S. Transportation Research Board, and the Institute of Transportation Engineers. Senior engineers worked on national technical committees including the Geometric Design Committee and the Highway Statistics Project Committee of R.T.A.C.



Highway No. 101 Paving project
at the Henderson Highway interchange

The Road Information Program provides accurate information to travellers in Manitoba.

A seal coat is applied to a portion of P.R. #269.

Engineering and Technical Services

MECHANICAL EQUIPMENT SERVICES

Mechanical Equipment Services provides and maintains equipment and associated materials and services required for the Department's road maintenance program and remote airport and ferry operations.

The six major shop complexes are located in Beausejour, Winnipeg, Brandon, Dauphin, The Pas and Thompson with small shops at Boissevain and Swan River.

A workforce of 284 staff-years is incorporated in the delivery of this program.

Total expenditures of this section were $20,202,762.62 while total revenue was $20,189,478.73.

The equipment fleet numbers 2427 units, including:

Trucks (Light, Medium and Heavy-Duty)	658
Motor Graders	163
Front End Loaders	73
Wheeled Tractors	286
Sand Spreaders	259
Asphalt Mixing Plants	11
Asphalt Rollers	212
Asphalt Kettles	131
Gravel Crushers	2
Cabooses (Trailers)	79
Soils/Rock Drills	2
Brush Cutters	4
Road Sweepers	38
Pavement Markers	7

A total of 187 snowplows were available for service during the winter.

EQUIPMENT MANAGEMENT SYSTEM

A computerized Equipment Management System is being developed to support the management of equipment utilization, repair and associated activities, with implementation scheduled for 1987/88 fiscal year.

OPERATOR TRAINING PROGRAM

Two trainers provide instruction programs for equipment operators throughout the Province, including courses such as up-grading of driver's licences and improvement of operating skills on motor graders and front-end loaders.

BUILDINGS

Mechanical Equipment Services acquired newer and larger facilities for the relocation of the Winnipeg head office and shop operations. Some modifications to these facilities have been carried out. The actual relocation of the office and shop operations is contingent upon completion of renovations.

Mechanical Equipment Services also administered the construction of a five-bay equipment storage building (27.4 m x 15.2 m) in northeast Winnipeg.

WAREHOUSE STORES

Stores are operated at the major shop locations to suppy fuel, repair parts and commodities for the twelve construction/ maintenance districts and other sections of the Department.

An on-line computerized system (APIMS) is used in the Winnipeg-area stores to provide data for the management of the inventories. The system will be expanded to include all stores. Currently, about 5000 line items are used in the system.

Total purchases were $6,359,127.89 while total issues were $6,392,999.05. The total inventory in all stores was $2,912,165.95 at the end of the fiscal year.

AIRCRAFT/RADIO SERVICES

AIRCRAFT SERVICES

Air Services operates and maintains a fleet of thirteen fixed wing aircraft, providing the following services to the various departments and agencies of the Government:

- Dedicated Air Ambulance Program for all of the Province of Manitoba;
- Executive and general air transportation of government personnel and cargo;
- Flights in support of the Northern Patient Transportation Program;

- Forest fire suppression by water bombing;

- Transportation of court parties and Mineral Resources' field parties;

- Support and assistance to the Emergency Measures Organization;

- Enforcement of patrols during hunting and fishing seasons;

- Wildlife census patrols.

The Air Services' fleet is utilized throughout the Province year round, and is authorized by Transport Canada to operate under day and night Visual Flight Rules and Instrument Flight Rules. The three main bases are Winnipeg, Thompson and Lac du Bonnet, with seasonal operations handled from the Grace Lake Base at The Pas.

Flight Agents located at the main bases, coordinate air transportation requirements for government personnel, ensuring full utilization of government owned aircraft.

All Air Services' pilots receive annual ground and flight training, with multi-engine crew members undergoing annual proficiency tests and instrument rating renewals conducted by Transport Canada Inspectors.

All qualified pilots on the Cessna Citation aircraft attend Flight Safety International for recurrent and simulator training, and pilots of the CL-215 water bombing aircraft, undergo annual programmed ground and flight training in-house.

Single engine aircraft pilots receive annual ground and flight training from senior staff, with recurrent training conducted at the commencement of float operations and again at commencement of wheel/ski operations.

Routine aircraft servicing and maintenance is conducted at the three bases, with major inspections, overhaul and repair of the multi-engine aircraft handled from the Winnipeg base. Major overhaul and repair work on the single engine aircraft is carried out at the Lac du Bonnet facility.

Aircraft operated by Air Services consist of:

3 Canadair CL-215 Water Bombers
2 Cessna Citation Jets
1 Piper Navajo Chieftain
1 Piper Aztec
2 Dehavilland DHC-3 Otters
4 Dehavilland DHC-2 MKIII Turbo Beavers

Air Services performed the following:

	84/85	85/86		
Total Flight Hours	5,817	4,948	Decrease	869
Total Distance Flown (km)	1,537,091	1,410,845	Decrease	126,246
Total Passengers Carried	7,731	7,242	Decrease	489
Total Freight Carried (kg)	220,021	225,830	Increase	5,809

The general decrease in flying operations were a direct result of low forest fire activity and an aircraft fleet reduction. Two aircraft were disposed of by sale in early 1985, a Cessna 337 and a Turbo Beaver. A third aircraft, a Dehavilland DHC-2 Standard Beaver, was donanted to the Western Canada Aviation Museum in July of 1985.

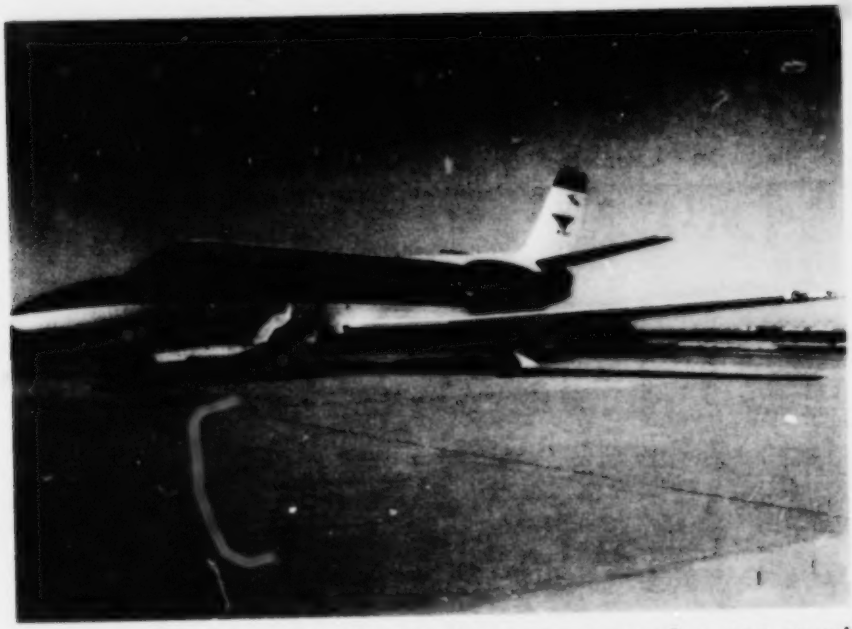
In November 1985, the Piper Aztec, C-FMAD, was involved in an accident at Roblin, Manitoba and as repair was not economically feasible, the aircraft was removed from service. In early 1986, approval was given to dispose of two more aircraft; the Piper Aztec C-FMAD and one Dehavilland DHC-MKIII Turbo Beaver. On April 1, 1986, the Air Services will commence operations with eleven aircraft.

Use of the aircraft was well distributed between departments with the Northern Patient Transportation Program accounting for 24% of all flights, with a total of 340,725 km, a decrease of 83,931 km from the previous year due to the introduction of the Air Ambulance Program in December 1985. Natural Resources' utilization was 16% or 223,376 km, a decrease of 208,072 km from the previous year. The Department of Highways and Transportation was the third largest user at 14%, flying 196,198 km, an increase of 31,640 km.

On November 6, 1985, Air Services took delivery of a Cessna Citation SII aircraft, specifically configured as an air ambulance aircraft. After all training was completed, full Air Ambulance (Life Flight) service commenced on December 16, 1985. Up to March 31, 1986, the aircraft flew 296 hours for a distance of 141,736 km carrying over 134 patients. The aircraft is staffed twenty-four hours a day by two pilots and a flight nurse, and responds to cails throughout the Province.

The Federal/Provincial Cooperative Supply Agreement will see the Province lease one CL-215 from the Federal Government in May 1986 and the purchase of another in March 1988. These aircraft will form part of the National Air Tanker Fleet.

As of March 31, 1986 Government Air Services has flown a total of 46,453,733 km since its inception in 1932.



The Cessna Citation S11 Air Ambulance is part of a new service offered by the Manitoba Government.

This CL-215 Water Bomber is on a scooping run.

This DeHavilland DHC-3 Otter is on a water drop.

RADIO SERVICES

The Radio Services Section of the Department of Highways and Transportation coordinates the radio communication requirements of the Manitoba Government, under the guidance of the Radio Communications Committee and under the regulation of the Federal Department of Communications. It operates four well equipped radio shops and four radio service vehicles. The repair and installation shops are located in Winnipeg, Thompson, Dauphin and Lac du Bonnet. Regular service trips are made from Dauphin to The Pas and Brandon monthly. In addition, service trips are made to important radio sites and bi-annually to airports and radio beacon sites.

The "portable repeater system" received a good test in the large fires in British Columbia. B.C. Forestry staff tested the system under all conditions from mountain top to "fire line" and their observations are being studied with a view to making improvements or modifications.

The "shared user radio system" was improved in Northern Manitoba but its expansion in Southern Manitoba was deferred pending the adoption of a formal plan for expansion.

Work on the Emergency Measures Communications' trailer was completed and the unit was put through radio field trials. Suggestions for improved equipment mounting were incorporated and additional radio equipment was obtained from the Department of Natural Resources. The added equipment will be installed as soon as sufficient man hours can be applied to minimize trailer down time.

The back to back portable repeater extension at Moose Lake in Northern Manitoba was completed and proved very valuable. The Solar Panel charging the batteries will be enlarged.

Radio Services took on a much larger consulting role in Winnipeg and at the local shops. This is in large part due to greater equipment complexity and greater equipment utility.

"Workplace Safety and Health" created a greater appreciation for radios in remote areas and the existing systems were all expanded with a view to achieving greater worker safety.

A considerable upgrading of Water Control facilities in the Red River Valley resulted in a radio communications plan to complement it in December of 1985. This also resulted in a substantial radio equipment purchase and delivery in the 1985/86 fiscal year. A telephone inter-connected repeater was established at Morris and 29 mobile and base radios were obtained. A local U.H.F. system was also purchased consisting of 8 base stations and 38 hand held radios. It was also planned to use the "Portable Repeater System" developed in the previous fiscal year, on a Red River Valley flood should a large evacuation program be implemented.

Radio Services continued to remove, install, repair and maintain radio communications' equipment for the Manitoba Government and its agencies. The inventory consolidation is progressing very rapidly and a system was implemented to formally write-off useless radio equipment. The inventory was increased to show equipment on hand targeted for destruction. Destruction was necessary to prevent this equipment being used to radiate unwanted signals.

The following chart indicates our radio inventory as of December 31, 1985.

	Planned 85/86	Actual 85/86	Planned 86/87
Station	390	413	420
Mobile	979	1,467	1,450
Portables	789	1,146	1,150
Boats	6	6	6
Aircraft	52	36	10
	2,216	3,068*	3,036*
Estimated Inventory	400		
Consolidation	2,616		

* Contains approximately 200 items which will be written off as soon as possible.

MATERIALS & RESEARCH

The major functions of the Materials and Research Section include the laboratory testing of all types of highway-related materials, preparation of mix designs for asphaltic and portland cement concrete pavements, and the soil and grade survey drilling program. This section is also responsible for structural designs for new and upgraded highways, location of new gravel sources and updating the inventory of known sources. A large part of the workload continued to be in the area of providing advice and assistance to the Districts on inspection and quality control on construction projects, and adherence to specifications.

The following is the breakdown of activities by technical groups within Materials & Research.

SURFACING

Quality control assistance was provided on a regular basis to all paving and some gravel base course projects. A total of 960 project inspections were made and 390 reports were prepared. In addition, technical assistance and advice was given on the design and production of MC-500 bituminous patching mixes.

Approximately 306,000 tonnes of bituminous mix were placed requiring 19 mix designs. Twelve mix designs were run on MC-500 bituminous patching mixes while eleven base and A.S.T. projects were monitored. Approximately 39,000 linear feet of concrete curb and gutter, 11,000 linear feet of median barrier and 107,000 square yards of concrete pavement were placed requiring 12 mix designs.

The Surfacing Group was again involved with the Project Supervisor's Training Program.

SOILS AND RESEARCH

Culvert Inspection

The inspection of culverts at the manufacturers' plants was limited to evaluating corrugated steel pipe which was greater than 900 mm in diameter and to all arches. Thirty-nine separate plant inspections were conducted for 22 of 59 corrugated steel pipe purchase orders; two plant inspections and one field inspection were conducted on the three reinforced concrete pipe orders. Field observations of culvert installations were made on several projects which involved the new culvert placement specification.

Grading

General quality control and engineering assistance was provided for 33 grading projects and 2 lime modified subgrade projects. Soil compaction was monitored by 10 nuclear density gauges on 28 of these grading projects.

A four day field testing and lab procedure training session was conducted for 15 grade and density inspectors.

The drilling summary for subgrade evaluation by the B-30 drill truck is appended.

Benkelman Beam

The collection of 43,000 readings with 11 Benkelman Beam crews was managed for the 1985 spring restriction program. The data was retained in a computer file for future structural evaluations.

		Benkelman Beam Crew Hours	
Year	No. of Readings	Production	Down Time
1984	43,062	3,708.5	827.5
1985	43,999	3,757.0	751.0

Research

1. The study to determine the effectiveness of lignosulfonates for use as a dust control agent was continued by monitoring the performance on numerous spot treatments and stabilization sites in 7 districts. A member of this section was appointed chairman of the newly formed R.T.A.C. steering committee for the project "Guidelines for Cost Effective Use and Application of Dust Palliatives".

2. In conjunction with R.T.A.C. a "Highway Transportation Information Study" (HITRIS) investigated such factors as frequency and costs of pavement resurfacing as well as average age to resurfacing.

3. A preliminary investigation and literature search was conducted into the addition of fly-ash to portland cement with respect to establishing a series of specifications/recommendations for this practice.

4. Information on seal coats in Manitoba was assembled. This included historical data, specifications as well as procedures involved in seal coating. A paper including these findings was presented at the 1986 TRB conference.

5. The project to develop methods to minimize the reflection of pavement cracking consisted of:

   (a) The construction and initial evaluation for the Bay Mills' geogrid "Glasgrid" placed on an asphalt overlay placed on P.T.H. No. 1, east of Brandon. Subsequent to crack surveys taken after one winter of service a preliminary report was produced for presentation at the 1986 WACHO Conference.

   (b) The evaluation of the "Tensar" geogrid on P.T.H. No. 10, south of Boissevain was continued.

Geotechnical Activities

Project	Location	Description
PTH 10	Porcupine Hills, north on Bellsite	Detailed stratigraphy and groundwater conditions were determined to evaluate potential solutions to counter-act a large slide area.
PTH 75	Letellier Over pass	Conducted berm design to rectify slide area.
PTH 100	Portage Avenue Interchange	Developed a stabilization design with a Geotechnical consultant.

Project	Location	Description
PR 238	PTH 9 to Lockport	Identified twenty-five subsections along the Red River as requiring rehabilitation ranging from minor shoreline protection to major slope stabilization. Sand drains, rock berms, and rock shoreline protection were designed for 9 of the subsections. This portion of the project which was 1 075 metres in length, was constructed in February and March.
PR 359	Thru the Birdtail Valley	Reviewed embankment design for proposed reconstruction.
PR 367	At PR 594	Evaluated reconstruction design.
PR 406	North of Elma	Evaluated the effect of a proposed relocation to the adjacent bank of the Whitemouth River.
PR 427	At PR 424	Conducted side slope failure investigation.
PR 588	North of the Swan River	Conducted investigation and design to determine cut and fill slope requirements for a proposed relocation.
Red River Bridge	North of Selkirk	Designed a berm configuration and a vertical sand drain system for the 9 m high east approach embankment.
Hecla Island		Conducted a drilling and coring program on four proposed quarry sites, and located limestone materials suitable for base course and bituminous aggregates.
Slope Indicator and Piezometer Program		Acquired data on P.R. No. 238 at St. Andrews Church, P.R. No. 478 at Binscarth, P.R. No. 259 at Virden and P.R. No. 482 north of the Shellmouth Dam.

GRAVEL RESOURCE

Exploration for new aggregate sources and inventory of existing pits continued to be the major activities of this section. Much of the exploration work was on existing Crown Land, whereas inventory work included both Crown-controlled and privately owned sites. Review of Crown Lands for development and disposal increased by 6% over last year.

Exploration

Exploration was focused on District 8 and 9 in the Duck Mountains at the Ketchum Lake area. Hand sampling and backhoe testing were conducted in the Lenswood area south of Swan Lake; Rorketon east of Dauphin Lake and the swampy area of Sleeve Lake and Little Birch southeast of Ashern. Aggregate resource evaluation in the L.G.D. of Reynolds was completed in close cooperation with the Aggregate Resource Section of the Department of Energy and Mines.

Inventory

The updating of existing gravel pit records in study regions 3 and 4 neared completion. A total of 263 sites were inventoried.

General

An agreement was signed with the Forestry Branch of the Department of Natural Resources, and the Mines Branch of the Department of Energy & Mines to provide for cooperation in the control of exploration and extraction of quarried minerals within the Provincial Forest and Forest Management Licence areas.

Close co-operation was maintained with the Planning, Design and Survey Division in the review of Crown Land development proposals.

MATERIALS TESTING LABORATORY

The following samples were processed and tested in the Winnipeg Central Laboratory and the Brandon Satellite Laboratory.

	85/86	84/85	83/84
A. Concrete	2122	2325	1627
B. Aggregates	2824	2067	3237
C. Soil Samples	16447	8890	9550
D. Asphalt-mix Samples	3799	2607	3237
- binder tests	464	442	380
D. Miscellaneous Samples Tested	283	200	254
Total samples Tested	25939	16531	18285

A total of 41,223 individual tests were carried out on the various samples submitted. Of this total, approximately 1/4 of the tests were carried out in the Brandon facility. A summary of samples processed may be found in table No. X6.

TRAFFIC OPERATIONS

The Traffic Operations Section is responsible for the safe and efficient movement of persons and goods while maintaining the orderly flow of traffic on the highway system through the utilization of traffic control devices. This section also provides traffic signs on a cost-recovery basis to operating divisions of the Department and to other provincial agencies and departments.

A. PAVEMENT MARKING

The following summary of pavement markings includes repainting existing markings, painting of new markings on some 1182 kilometres of seal coating pavement, markings on newly constructed roads, as well as work done for towns and villages, the Federal Government and other Provincial Government Departments.

Cost of Pavement Marking Program	$1,622,200.00
Kilometres of centre line painted	13,287.00
Kilometres of edge line painted	4,406.00
Average cost of centre line per kilometre	75.68
Average cost of edge line per kilometre	107.40
Litres of paint applied	348,000.00
Litres of paint applied on crosswalks	1,426.00
Litres of paint applied on intersection markings	8,557.00
Average litres of paint per kilometre of pavement markings	19.6

B. CONSTRUCTION INSPECTION

Numerous pre-contract meetings between District personnel and contractors were attended to advise on standard signing and stress safety for road users.

One hundred and twenty-two major construction/maintenance sites were reviewed with respect to adequacy of traffic control, maximizing safety for both the workers and travelling public.

Three seminars were held with project supervisors to review signing and flagging procedures at construction sites.

C. HAZARD REMOVAL PROGRAM

There was 890 metres of guardrail installed at the following locations to protect errant vehicles from non-removable roadside hazards (sign structures, bridge ends).

- P.T.H. No. 12 at Brokenhead River
- P.T.H. No. 44 at Bog River East
- P.T.H. No. 44 at Bog River West
- P.T.H. No. 75 at Aux Mara's River
- P.T.H. No. 10 at Woody River
- P.T.H. No. 20 at Valley River
- P.T.H. No. 20 at Fork River
- P.R. No. 435 at Brokenhead River

Also, 1 048 linear metres of 3 strand cable was completed on P.R. No. 235 at the Narrows to decrease snow problems.

D. SIGNING

Upgrading existing guide signs, complete with breakaway aluminum sign posts and a 10 metre setback were completed at the following locations.

1. P.T.H. No. 59 in the vicinity of Bird's Hill Park
2. P.T.H. No. 1 and P.R. No. 248
3. P.T.H. No. 20 in the vicility of Rainbow Beach
4. P.T.H. Nos. 2 and 5 in the vicinity of Spruce Woods Park
5. P.R. No. 391 in the vicinity of Paint Lake
6. P.T.H. No. 101 at P.T.H. No. 59
7. P.T.H. No. 6 at Lundar Beach
8. P.T.H. No. 6 at Watchorn Beach

Special Signing Projects:

- The Departments of Highways and Municipal Affairs has undertaken a joint program to install 151 distinctive Rural Crime Watch signs at various provincial locations.

- Sixty Radio Station signs were installed at appropriate locations within the broadcast recreation area of the 24 individual stations participating in the program. This work was on a 100% accounts collectible basis.

- A new P.T.H. route marker was developed utilizing the new Provincial Logo. These route markers will be phased in over several years on a maintenance replacement basis.

- Thirty-three (33) communities, as identified in the following, participated in the first phase of the Community Services Signing Program. This is a cost-sharing program with the average community share/sign being $425.00.

Community Name	Number of Signs
Boissevain	2
Ste. Rose du Lac	2
Lac du Bonnet	2
Swan River	2
Gladstone	2
Erickson	2
Gillam	1
Ericksdale	2
Wabowden	2
Virden	2
MacGregor	2
Ste. Anne	3
Elkhorn	2
Thompson	1
Carberry	2
Neepawa	2
Petersfield	2
Lockport	2
Minnedosa	3
Letellier	2
Gimli	2
Selkirk	1
Oak Lake	2
Emerson	1
Brandon	4
Portage la Prairie	2
Cranberry Portage	2
Powerview	1
Dauphin	3
Seven Sisters	1
Steinbach	3

E. TRAFFIC SIGNALS

New traffic signal equipment was installed at four intersections on 18th Street (P.T.H. No. 10) in the City of Brandon. This equipment was installed in conjunction with street reconstruction.

State-of-the-Art traffic signal controllers, underground cables and combination illumination/signal standards replaced outdated and troublesome electro-mechanical equipment in the Town of Dauphin. These changes were made in conjunction with the "Main Street Manitoba" Project. The signal design was coordinated with the Consultant Engineers and Manitoba Hydro Illumination Engineers with regard to relocation of street lighting standards and placement of new control equipment. The combined effort contributed to a less cluttered, aesthetically pleasing and relatively hazard free signalized Main Street.

Underground conduits, concrete bases and electrical cables were installed on 18th Street (P.T.H. No. 10) at the intersection of Brandon Avenue in the City of Brandon to facilitate the installation of traffic signals in the 86/87 construction season.

F. TEMPORARY BRIDGE SIGNALS

Temporary traffic signal installation utilizing wood poles and overhead guy wires were installed at two bridge crossings:

1) Little Saskatchewan River on P.T.H. No. 10
2) Red River Flooadway on P.T.H. No. 59 south

The timing plan of these signals was somewhat unique to Manitoba motorists in that it included a Red Rest Interval and involved the use of traffic detectors to control traffic flow.

G. PEDESTRIAN CORRIDORS

1. Pedestrian actuated, internally illuminated pedestrian corridors were installed on P.T.H. No. 9 in the Town of Gimli and on P.R. No. 626 (King St.) in the Town of Virden.

2. Flashing amber signals and pedestrian activated push buttons were added to 24 (80%) of the pedestrian corridors throughout the Province.

H. RUNWAY LIGHTING

Runway lighting plant including underground plastic conduits, flexible lighting stems and internally illuminated wind directional indicators were installed at Brochet, Shamatawa and Bloodvein airports.

I. ILLUMINATION

1. Installations

Illumination was installed at the following locations:

a) P.T.H. No. 16 at P.T.H. No. 21: Installed 2-16.7 metre wood poles with 2-250 W HPS luminaires on one pole and 1-250 HPS luminaire on the other.

b) P.R. No. 313 at P.R. No. 315: Installed 1-12.6 metre wood pole with 1-150 W HPS luminaire.

c) P.T.H. No. 9 at P.T.H. No. 67: Installed 1-150 W HPS luminaire on an existing wood pole.

d) P.T.H. No. 12 at P.T.H. No. 15: Installed 2-16.7 metre wood poles with 1-150 W HPS luminaire on each. Replaced 2 existing 175 W MV luminaires with 2-150 W HPS luminaires.

e) P.T.H. No. 59 at P.R. No. 306: Installed 2-16.7 metre wood poles with 1-250 W HPS luminaire on each pole.

f) P.T.H. No. 59 at P.R. No. 317: Installed 2-16.7 metre wood poles with 1-150 W HPS luminaire on each pole.

g) P.T.H. No. 12 at P.R. No. 601: Installed 1-150 W HPS luminaire on an existing wood pole.

h) P.T.H. No. 12 at Park Road: Installed 2-16.7 metre wood poles with 1-250 W HPS luminaire on each pole and 1-150 W HPS luminaire was installed on an existing wood pole.

i) P.T.H. No. 59 at P.R. No. 205 (South Junction): Installed 1-15.7 metre wood pole with 1-150 W HPS luminaire.

j) P.T.H. No. 59 at P.R. No. 218: Installed 1-16.7 metre wood pole with 1-250 W HPS luminaire.

k) P.T.H. No. 6 at P.R. No. 236: Installed 1-16.7 metre wood pole with 1-250 W HPS luminaire.

1) P.T.H. No. 10 at P.R. No. 271: Installed 1-13.7 metre wood pole with 1-150 W HPS luminaire.

m) P.T.H. No. 1 at Plessis Road: Installed 1-16.7 metre steel pole with 2-250 W HPS luminaires.

2. Modifications

- P.T.H. No. 100 at P.R. No. 200: Existing 8-1000 W MV luminaires were replaced by 6-400 W HPS luminaires.

- P.T.H. No. 101 between P.T.H. No. 9 and Raleigh Street: Removed 303-10.7 metre steel poles with 31-175 W MV, 54-250 W MV and 218-400 W MV luminaires respectively. Replaced 22-250 W MV luminaires with 100 W HPS luminaires. Replaced 20-175 W MV underpass luminaires with 70 W HPS luminaires.

- Installed 31-10.7 metre aluminum poles with 2-150 W HPS Luminaires on each. Installed 66-16.7 metre steel poles with 1-400 W HPS luminaire on each.

J. SIGN SHOP

At the start of 1985/86, management of the Provincial Sign Shop at Dauphin was transferred to the Traffic Operation Section from the Mechanical Division.

During the 1985/86 fiscal year, 6 899.8 m^2 of sheet signs and 1 601.35 m^2 of panel signs were produced. The average bi-weekly production being 265.4 m^2 and 61.6 m^2 of sheet and panel signs respectively. The maximum bi-weekly production was 596.2 m^2 and 117.6 m^2 respectively for sheet and panel signs. At the end of the fiscal year, the backlog of signs on order was 618.11 m^2 and 1 260.66 m^2 respectively for panel and sheet signs.

The 10 largest numbers of major sign types produced, were as follows:

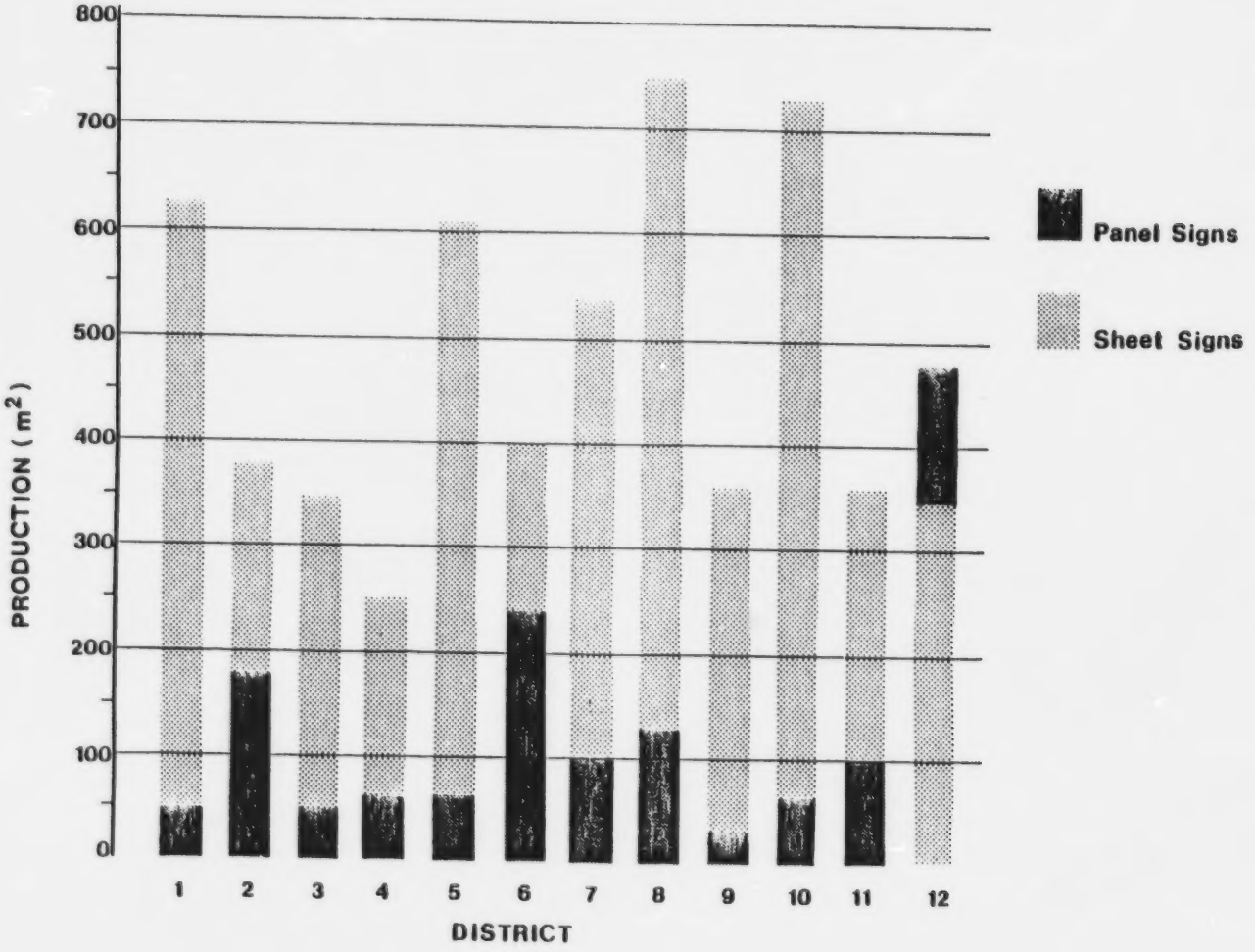
	Sign Type	No. of Signs Produced
1)	Curve Signs (all types)	1321
2)	Stop Signs (all sizes)	1237
3)	Barricade Boards (all types)	1071
4)	P.R. Route Markers (all routes)	755
5)	P.T.H. Route Markers (all routes)	494
6)	Speed Limit (all types and sizes)	460
7)	km/h Speed Limit Tags (all sizes)	316
8)	Bump Sign	154
9)	Max. 60 When Passing Workers	149
10)	One Lane Traffic	128

Manitoba highway signs have a new design.

SIGN SHOP OPERATION

APRIL 1/85 - MARCH 31/86

I. Gross Sales/Revenue		932,502.49	
II. Gross Operating Expenses			
- labour	232,806.06		
- materials	638,181.95		
- freight	8,889.57		
- utilities	11,492.99		
- miscellaneous	12,310.67		
Total		903,681.24	
Gross Operating Surplus/Loss			+ 28,821.25
III. Inventory			
1. Inventory as of March 31, 1985	470,536.75		
2. Inventory Transferred to Warehouse Stores April 1/85	149,283.83		
Net Inventory Available at April 1, 1985		321,252.92	
3. Inventory as of March 11/86			
Manufactured Goods	289,008.48		
Raw Material[1]	43,865.52		
		332,874.00	
Change in Inventory			+ 11,621.08
Net Operating Surplus/Loss			+ 40,442.33



Sign Shop Production By District

The following are Accident Statistics on the Trunk Highway and Provincial Road Systems for the Calendar Year 1985.

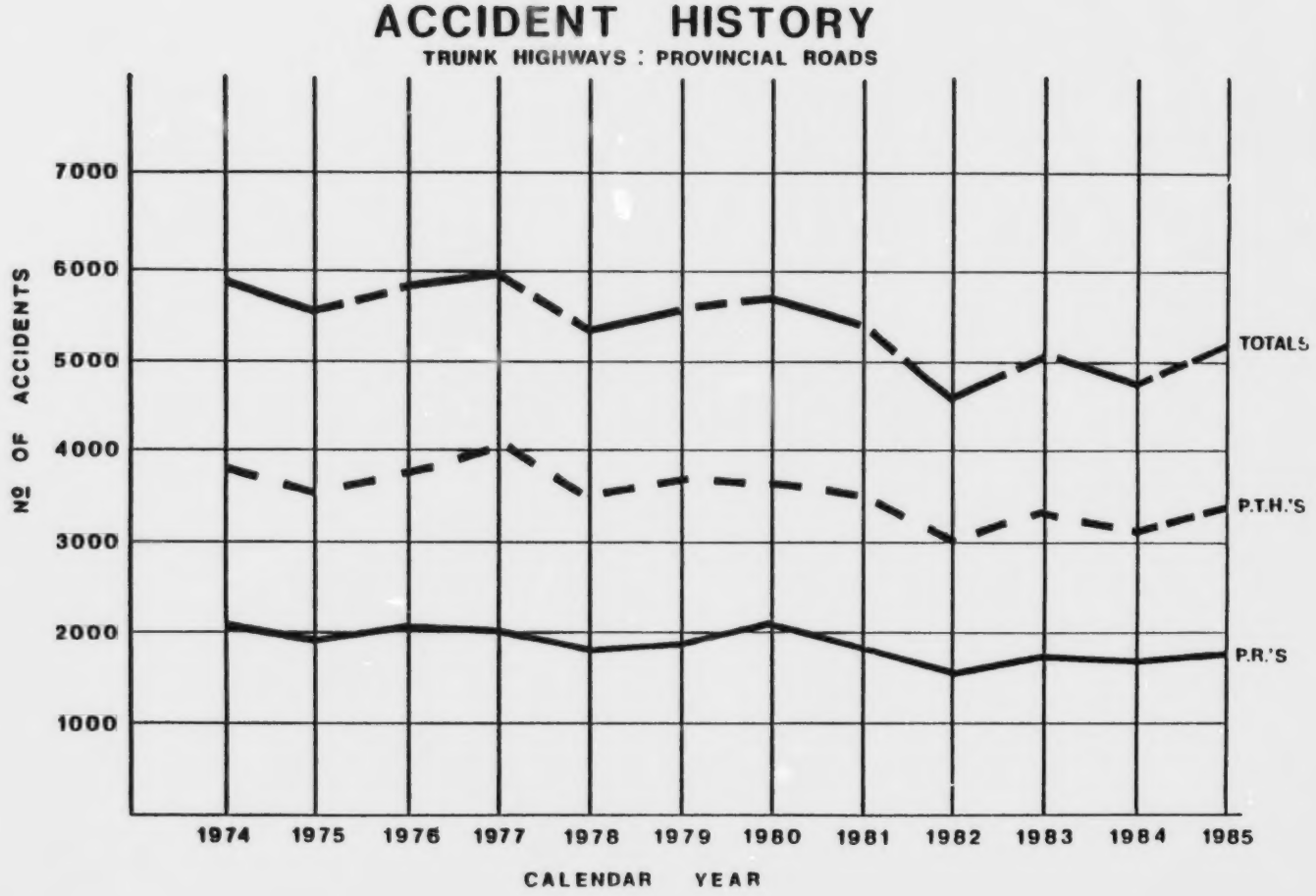
Accident Type	1984	1985	% Change
Fatal	52	56	+ 7.7%
Injury	1228	1206	- 1.8%
Property Damage	3526	3934	+ 11.6%
Totals	4806	5196	+ 8.1%
Day	2699	3008	+ 11.4%
Night	2107	2188	+ 3.3%
% Day	56.2%	57.9%	
% Night	43.8%	42.1%	
P.T.H.'s	65.3%	65.8%	
P.R.'s	34.7%	34.2%	

Summary of Accidents By Description

Rear End	-	887
Head On	-	107
Side Swipe	-	364
Over Taking	-	150
Right Turn	-	65
Left Turn	-	325
Right Angle	-	545
Off Road	-	1400
Fixed Object	-	185
Parking	-	28
Pedestrian	-	54
Others	-	1086
		5196

Summary of Accidents By Type

Pedestrian	-	54
Other Motor Vehicle	-	2011
Train	-	1
Motorcycle	-	118
Animal Drawn Vehicle	-	0
Bicycle	-	32
Animal	-	813
Fixed Object	-	517
Other Object	-	101
Other Non-Collision	-	170
Ran Off-Roadway	-	1311
Overturned in Roadway	-	68
Moped	-	0
		5196


ACCIDENT HISTORY
TRUNK HIGHWAYS : PROVINCIAL ROADS
Nº OF ACCIDENTS
7000
6000
5000
4000
3000
2000
1000
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
CALENDAR YEAR
TOTALS
P.T.H.'S
P.R.'S

NORTHERN AIRPORTS/MARINE OPERATIONS

AIRPORTS

The airport program serves to support the needs of Northern Manitobans, particularly in remote and isolated areas.

Programs such as forest protection, medical evacuations, resource development and the tourist industry are all served through the development and maintenance of these Northern Airports.

Twenty-Nine airports and aerodromes were operated, maintained and administered, accommodating up to and including Class II Air Service at many of the locations listed:

Nineteen Licenced Aiports

Berens River	Little Grand Rapids
Bloodvein	Norway House
Brochet	Oxford House
Cross Lake	Pikwitonei
God's Lake Narrows	Red Sucker Lake
Ilford	St. Theresa Point
Island Lake	Shamattawa
Lac Brochet	South Indian Lake
Lac du Bonnet	Thicket Portage
	York Landing

Two Licencable Airports

Grace Lake	Pukatawagan

Eight Emergency Aerodromes

Anama Bay (Dauphin River)	Easterville
	Matheson Island
Bissett (Wallace Lake)	Moose Lake
Cormorant	Poplar River
	Princess Harbour

Projects undertaken in the 1985/86 year included the following:

- A contract was awarded for the construction of the Tadoule Lake Airport. The contractor built a winter road for the transportation of his camp, equipment, terminal building material, as well as Departmental maintenance equipment. Construction and maintenance gravel was crushed and stockpiled by March 31, 1986. The contractor will construct the runway, access road and terminal building during the summer of 1986 and will be in a position to demobilize during the following winter.

- Maintenance gravel was produced for the Oxford House and God's Lake Narrows Airports by drilling, blasting and crushing bedrock. The supplies should last for 7-8 years.

- Security fencing was installed at the Lac du Bonnet, Norway House and Pikwitonei Airports.

- The radio room in the Island Lake building terminal was enlarged to allow the installation of Atmospheric Environment Services weather equipment. This was accomplished to allow the Department to enter into a weather contract with Atmospheric Environment Services. Atmospheric Environment Services turned over an employee housing unit in exchange for the terminal building modification. This unit replaces the one the Department was to build at this site.

- Airport surveys were performed by Land Surveys at Norway House and Island Lake. This is to be used in airport master planning.

- Erosion control was accomplished on the runwa
Norway House.

- Radio and telephone equipment was obtained
equipment at various sites.

- Office equipment was purchased for the Thompson and Winnipeg Offices.

On January 30, 1986, the Shamattawa terminal building burnt down. Also included in the fire was all our maintenance equipment. The Department was able to replace this equipment on a winter road built for the shipping of material for the construction of a local school. The Department is proposing to have the terminal building replaced by the fall of 1987. The building will be designed by Government Services.

Conditions at the airports influenced issuing 357 notams, 804 advisories and 147 extensions.

Weather observing and reporting at Norway House and Berens River under contract with Atmospheric Environment Services Canada continues for national distribution.

Negotiations have been finalized under contract with Atmospheric Environment Services Canada for weather observing and reporting at Island Lake.

The services of airport equipment is available to local government at 18 communities on an accounts collectable basis. This service assists the communities in maintaining local roads as well as other services.

Airport Activity Summary		Increase Over 84/85
Total Aircraft Movements	59,154	0%
Total Passenger Movements	148,649	8%
Total Freight	8,550 tonnes	-9%

At Islandview/Matheson Island 6.5 km of road were maintained through arrangements with the Matheson Island Community Council using departmental equipment.

MARINE

The Department owns the following seven ferries which are operated to provide access to remote communities:

The M.V. Charlie Sinclair was renamed as the M.V. Charles Robert in recognition of Charles and Robert Dysart of South Indian Lake. This vessel is operated by the Department. It commenced a new service from the end of the road at South Bay to the community of South Indian Lake. Service is provided seven days per week, with two round trips per day during the operational season.

Start-up Date	Shut-down Date
July 5	Nov. 6

The M.V. Joe Keeper is operated by the Department and provides access from the Thompson - Split Lake road to the community of York Landing. Service is provided on a three day per week, one round trip per day basis.

Start-up Date	Shut-down Date
May 27	Oct. 28

The M.V. Edgar Wood was leased to Channel Area Community Services Inc. of Princess Harbour and Bloodvein, with an operational grant of $60,000.00. Service was provided from the end of P.R. No. 234 to Princess Harbour and Bloodvein.

Start-up Date	Shut-down Date
June 14	Oct. 28

The C.F. James Apetagon is operated by the Department and provides access across the east branch of the Nelson River for traffic on P.R. No. 373, to and from the community of Norway House.

Start-up Date	Shut-down Date
May 3	Nov. 9

The C.F. Thomas A. McIvor was leased to the Cross Lake Indian Band with an operational grant of up to $37,500.00 provided by the Department of Indian and Northern Affairs. This was as a result of the completion of a new bridge in the community of Cross Lake, and the subsequent removal of funding for the operation of this ferry from the Department of Highways budget.

Start-up Date	Shut-down Date
June 13	Nov. 18

The C.F. Ingemar Carlson was leased to the Matheson Island Community Council with an operational grant of $33,653.49. Service was provided from the end of P.R. No. 234 to Matheson Island.

Start-up Date	Shut-down Date
April 21	Nov. 20

The C.F. Alfred Settee Sr. is operated by the Department and provides access across the Nelson River at the Pipestone Lake crossing to the community of Cross Lake.

Start-up Date	Shut-down Date
April 25	Nov. 17

Transportation Policy and Research

Transportation Policy, Programs and Research is concerned with transportation policy, research, planning and coordination. The Division deals with federal and interprovincial liaison and provides advice and support to other government departments and agencies on transportation matters.

The Division actively participates in interdepartmental committees such as those on urban transportation, energy conservation, transportation of the handicapped, statutory grain rates and physical distribution. The professional staff have participated in activities of the Canadian Transportation Research Board, the Roads and Transportation Association of Canada, and the Western Transportation Advisory Council.

The Division is organized in four branches - Transportation Policy, Transportation Programs, Transportation Research and Transportation Sub-Agreements.

POLICY

The transportation policy branch is responsible for the development, coordination and promotion of policy with respect to both freight and passenger service by all modes; improving the quality and effectiveness of transportation; responding to requests from the executive, transport users and communities for information on transport issues; participating in, and evaluating federal transport policy initiatives and related agreements, studies, research and legislative activities.

The policy unit is also responsible for developing briefs and submissions for presentation to federal boards and commissions; assisting intervenors in preparing for hearings, participating in public hearings and generally defending provincial interests in transportation. Staff are active on transport related boards, councils and associations.

The major accomplishments of this branch during 1985/86 were:

- Obtained support of other provinces and territories on key areas of concern covering federal deregulation of transport primarily captive shipper protection and service to small and remote communities.

- Manitoba's submission to the Standing Committee on Transport covering the deregulation proposals resulted in the committee making a number of recommendations for changes that will benefit Manitoba shippers and travellers.

- Protection of air service to The Pas and Flin Flon.

- Retention of Brandon Air Traffic control tower.

- Intervention to CTC (Canadian Transport Commission) in cooperation with UTU (United Transportation Union) resulted in retention of cabooses on trains during testing, in the interests of safety.

- Encouraged a federal government review of problems confronting the Great Lakes/St. Lawrence Seaway route.

- Addition of flax seed products to the list of statutory grains resulted in the decision to establish a processing plant in the municipality of Louise between Crystal City and Pilot Mound. This plant will employ approximately 35 people with a 240 tonne/day crushing capacity.

- Retention of Northern Ontario rail passenger service.

- Retention of CNR Erwood and Winnipegosis Subdivisions.

- Retention of CNR regional headquarters in Winnipeg combined with prevention of any staff transfers to Edmonton.

- To minimize the impact of the federally imposed abandonment of the CNR Inwood subdivision, a federally sponsored commercial trucking program was obtained to move grain to the adjacent rail line.

- CN withdrew its application for variable rates on grain that would have discriminated against most grain shipping points and grain producers.

- Provision of VIA Rail passenger shelters at Roblin and McCreary.

- Maintenance of minimum rail rates covering canola oil and meal beyond Thunder Bay necessary to the preservation of the oilseed processing sector in Manitoba.

The Policy unit was also responsible for:

- briefing notes, background reports.

- coordination between departments on transportation policy issues.

- formulation of position papers.

- identification of existing and future problems in transportation.

- interpretation of federal transportation legislation and policies.

- the provision of analysis, technical and policy input with respect to Canada/Manitoba Transportation Subsidiary Agreement projects.

- liaison with municipalities, companies, transport users and public interest groups concerning transportation matters.

- participation in joint research projects with other agencies.

- preparation of speaking notes and media releases on transportation matters.

- responding to requests for information and assistance.

- lobbying for improvements to the Western Grain Transportation Act to commensurate with producer, community and provincial needs.

- defending the province's interests with respect to international maritime agreements on trade and development, exemptions for liner conferences from combines legislation and liability for damages.

PROGRAMS

The branch provided programs of direct assistance to transportation in Manitoba.

The major accomplishments for the Programs Branch in 1985/86 were:

- Participant communities assisted by the Program for transortation of the Mobility Disadvantaged in Rural Manitoba is administered by the Department and has increased dramatically with subsequently substantial increases in the catchment area population.

RURAL MOBILITY DISADVANTAGED PROGRAM	1983/84	1984/85	1985/86
Communities served	6	11	27
Catchment population	52,484	73,120	148,891*

* represents 34.6% of rural Manitoba

- Revitalization of the Physical Distribution Program with two workshops held in February and attended by approximately 40 Manitoba industries.

- Plans include five more Physical Distribution workshops and a shippers/carriers conference to be held in the ensuing year.

- Responded to 10 industry location studies and 50 miscellaneous rate and related transportation enquiries.

- Testing of non-passenger service by the rail bus, on the Inco line from Winnipeg to Thompson, occured. British Leyland's rail bus has arrived and will assist in the preliminary testing and comparison of the Canadian prototype. Testing of the prototype in non-passenger service, on CN lines should take place in April. Testing of passenger service is slated for May 27, 1986.

RESEARCH

The Branch was involved in the following research projects and activities:

- Reviewed the Western Grain Transportation Act and the WGTA costing review.

- Completed a white paper on motor carrier regulation and derivative amendments to the Highway Traffic Act.

- Preparation of the Strategic Program Overview.

- Preparation of interim reports on the Northern Transportation Study which include:

  1. Report on Community Profile

  2. Survey of Air Charter Operators

  3. Report on Transportation Supply

  4. Proposal for a Hovercraft Demonstration

  5. East of Lake Winnipeg Transportation Report

- Project Manager for consultants reports:

  1. Motor Carrier Regulation Enforcement

  2. Monitoring, Analysis & Publication of Intra-Provincial Truck Rates

  *3. Highway Impact Study

  * Still in progress

- Analysis into applications for tariff increases in support of the Motor Transport Board.

FEDERAL/PROVINCIAL AGREEMENTS

CANADA-MANITOBA SUBSIDIARY AGREEMENT ON CHURCHILL

BACKGROUND

The current and anticipated emphasis on development of the Far North holds implications for the regional and national transportation systems, as well as for Churchill. The guarantee of a medium term future for Churchill will permit long-term developments in minerals, hydro-carbons and tourism. Churchill's popularity as a tourist centre with emphasis on the wildlife and wilderness aspects of the area is increasing. The Western Premiers have consistently stressed the importance of Churchill to the western provinces and urged federal and provincial cooperation in developing the potential of the Port. Both Canada and Manitoba have agreed on the further development of Churchill as a northern transportation centre as a priority and have acknowledged the long-term strategic importance of Churchill. Indeed, the Legislative Assembly of Manitoba agreed to a resolution in June 1983, urging that the Federal Government clearly commit itself to the upgrading and development of the Hudson Bay Rail Line and the Port of Churchill in order to fully utilize the potential of the Port.

In April 1984, the provincial and federal governments signed a $93,150,000 subsidiary agreement to develop the Port of Churchill.

PROGRAMS

The work undertaken in the Subsidiary Agreement on Churchill falls into six programs:

A. Rail Infrastructure Improvements

B. Port Infrastructure Improvements

C. Air Infrastructure Improvements

D. Provision of Hydro Electricity Facilities

E. Studies for the Development of Churchill's Potential

F. Program Administration and Communications

Main accomplishments under this sub-agreement in 1985/86 were:

- The prototype grain car has been developed and tested on the Churchill line. The car has also made several trips to Vancouver, Prince Rupert and Thunder Bay. A report is pending on the economic analysis of the prototype.

- A ministerial agreement was reached for the boxcar rehabilitation program at CN's Transcona shops. Approximately 339 cars were refurbished by March, 1986.

- Testing of ground penetrating radar commenced in November/December, 1985.

- Comparative testing of cryoanchors was initiated in September, 1985.

- Negotiations were undertaken with London and Canadian marine insurance underwriters with a view to extending the Churchill shipping season and drastically reducing the additional premium for the "ice-free" season of approximately two months. As an interim measure the underwriters agreed to insure extension shipping vessels, accessing the Port of Churchill, on a "ship by ship" basis.

- Tender calls have been issued for both the dredging of Churchill's harbour and for the installation of a dust control system in the local grain elevator.

- The new Churchill tug under construction is expected to be utilized in the 1986 shipping season. The $2.5 million was contracted to Riverton Boat Works of Riverton, Manitoba.

- Design, route definition and clearing of northern half of right-of-way is complete for the power transmission line to Churchill.

- Studies pertaining to the development of Churchill's potential have been completed. Details will be publicized in the near future.

CANADA MANITOBA SUBSIDIARY AGREEMENT ON TRANSPORTATION DEVELOPMENT

BACKGROUND

Manitoba's economy has a strong transportation orientation due both to its central location between the industrial economy in central Canada and the resource-rich provinces to the west and its early dependence on the transportation intensive agriculture sector. The industry has a diversified presence, including Crown Corporations, private common carriers and direct government operations. Aside from the direct provision of jobs within the industry itself, transportation service levels affect the competitiveness of most goods, and many services. Finally, the quality of life in more remote parts of the province is directly affected by the availabilty of transportation services, with its impact on consumer prices and access to medical and other services.

In April of 1984, the federal and provincial governments signed a $137,660,000 subsidiary agreement aimed at developing a long-term transportation plan for Manitoba's future. Both Manitoba and Canada have available the analytical and statistical resources required for in-depth analysis of the provincial transportation system and of a variety of concerns related thereto. The rapid growth of the highway mode affords the opportunity of making improvements to the highway infrastructure. Similarly developments in trade and travel patterns offer opportunities for development of the infrastructure of the air mode. Finally, Manitoba's interest in and need for provision of access to remote communities affords the opportunities for development of a Rail Bus prototype.

PROGRAMS

The work undertaken in this agreement falls into seven programs.

A. Manitoba Transportation System Analysis

B. Transportation Industry Development Advisory Commitee

C. Transportation Institute at the University of Manitoba

D. Air Infrastructure Improvements

E. Highway Infrastructure Improvements

F. Rail Passenger Services

G. Program Administration and Communications

Major accomplishments under this sub-agreement in 1985-86 were:

- Refurbishing of the CN Station in Winnipeg has reached completion.

- Construction is underway on the Transportation Institute at the University of Manitoba. Funding for the program development at the Institute has also been initiated.

- Improvements to Winnipeg International Airport have begun with significant amounts of work focussing on the west side storm drainage project.

- The Canadian Rail Bus prototype has been constructed and is presently being tested.

- Several studies are in various stages of completion.

- The Transportation Industry Development Advisory Committee (TIDAC) has to date defined its mandate, considering the organizational and structuring phases of its operations, and evaluated the program and project options it should undertake.

CANADA-MANITOBA TRANSPORTATION

SUBSIDIARY AGREEMENT ON TRANSPORTATION DEVELOPMENT

Financial Summary

Transportation

Total	$ 137.66 M
Federal Share	$ 111.61 M
Provincial Share	$ 26.05 M

Program	Federal Share Federal	Federal Share CN	Provincial Share	Total 5 Years	Expended to March 31,1986
Transportation Analysis	0.2	-	0.2	0.4	19.55
Advisory Committee	0.9	-	0.9	1.8	.07
Transportation Institute	5.8**	-	5.8	11.6	5.2
- CN R+D	-	1.25	-	1.25	.3
- Development	-	-	1.2	1.2	.37
- Operating	-	-	1.4	1.4	0
Air Infra-structure Improvements	101.68	-	-	101.68	19.55
Highways	-	-	16.0	16.0	7.7
Rail					
- Station	1.0	-	-	1.0	.97
- Railbus	0.5	-	0.05*	0.55	.50
Administration	0.28	-	0.5	0.78	.03

* The province is willing to provide an additional $150,000 in future contributions.

** 0.8 from Secretary of State.

CANADA-MANITOBA TRANSPORTATION

SUBSIDIARY AGREEMENTS ON CHURCHILL

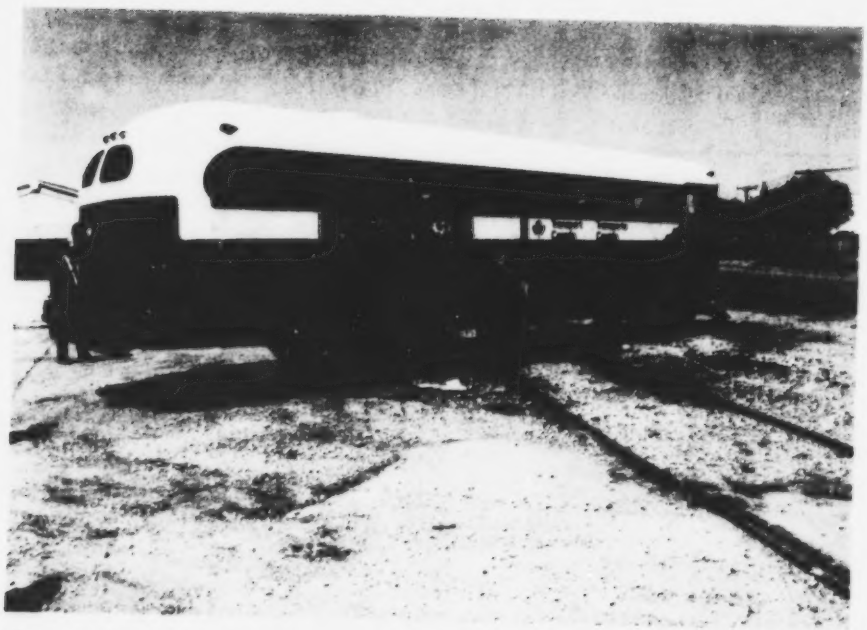
Financial Summary

Program	Federal Share			Provincial Share		Total 5 Years	Expended to March 31,1986
	Federal	CN	Ports	Prov.	Manitoba Hydro		
Rail Infrastructure Improvements	19.0	0.73*	-	19.0	-	38.73	6.25
Port Infrastructure Improvements	3.4	-	11.31	-	-	14.75	1.75
Air Infrastructure Improvements	2.8	-	-	-	-	2.8	0
Hydro Infrastructure Improvements	**	-	-	-	35.59	35.59	19.46
Churchill Studies	0.5	-	-	0.05	-	0.55	.51
Administration	0.28	-	-	0.45	-	0.73	.07

* Does not include other CN costs.

** Federal users to pay partial cost recovery of some $12 million through tariff agreements.

The prototype grain car was constructed under the Canada-Manitoba Subsidiary Agreement on Churchill



The Manitoba - developed railbus turns around on the track.

Driver and Vehicle Licencing

The Division of Driver and Vehicle Licencing is responsible for the administration of driver licencing, motor vehicle registration and driver and vehicle related safety programs.

LICENCING

The basic objective of the Driver Licencing Program is to establish, coordinate and maintain acceptable procedures for the issuance of driver's licences in accordance with provisions established under the Highway Traffic Act, the Manitoba Public Insurance Act, related regulations and departmental policy.

Total active drivers in 1985 numbered 606,798 while suspended drivers numbered 23,338.

The Dealer Section, under the jurisdiction of the Licencing Section, is responsible for the development and administration of a program regarding licencing and control of automobile dealers, salesmen, and automobile wreckers in accordance with the Highway Traffic Act, Regulations and departmental policy.

During the year 1985, there were 3,771 dealer plates and 620 dealer permits issued.

Also under the jurisdiction of the Licencing Section is the Information Centre, which maintains an information retrieval system providing information on vehicle registrations and driver's licences.

VEHICLE REGISTRATION PROGRAM

The Vehicle Registration Program establishes and maintains systems and procedures designed to register and licence motor vehicles, trailers and snowmobiles in accordance with the Highway Traffic Act and related Acts and Regulations. The program to introduce personalized licence plates for Class A1 passenger vehicles has proven very successful. To date, 8,765 sets of personalized plates have been manufactured.

A pilot project was initiated in 1984 under the Canadian Agreement on Vehicle Registration. The Single Cab Card Concept, when completed, will allow the plate jurisdiction to issue a single cab card for proportionally registered vehicles rather than have the carrier apply to each province individually. The target date for implementation is July 1, 1987.

Consideration is presently being given to development of a uniform distance reporting system for motor carriers having commercial vehicles operating inter-provincially, and which are eligible for proportional registration fees and tax plans. The target date for implementation of this inter-provincial project is July 1986.

Vehicle registrations in 1985 numbered 800,279, commercial vehicles 29,564, and dealer and repairer registrations 3,956.

SAFETY

The primary responsibility of the Driver Testing Section is to examine applicants to determine whether they have the necessary knowledge, skill, and ability to safely operate a motor vehicle.

In 1985, there were 38,722 road tests administered in the Original Testing Program and an additional 5,294 road tests given as part of the Division's Driver Improvement Program. Total written and oral knowledge tests administered in both programs numbered 96,937.

DRIVER EDUCATION

The Driver Education Section administers the Provincial High School Driver Education Program, and maintains responsibility for the supervision of all Commercial Driving Schools, their instructors and training vehicles.

The High School Driver Education Program, which was expanded in 1981 to include 15½ year old driver education courses, is conducted in 110 high schools throughout the Province.

During the 1985/86 school year, more than 7,500 students completed the driver education course, with fifty percent of these students participating in the 15½ year old program.

Of the $160.00 cost for the driver education course, $110.00 is contributed by the Manitoba Public Insurance Corporation, $30.00 by the student, and $20.00 by the Division of Driver and Vehicle Licencing.

SNOWMOBILE AND BICYCLE SAFETY

The Manitoba Snowmobile Operator's Training Program and the Manitoba Bicycle Safety Training Program are the responsibility of the Snowmobile and Bicycle Safety Section. The Section administers the Snowmobile Act and those sections of the Highway Traffic Act pertaining to the use of bicycles and mopeds, and consequently reviews and assesses Traffic Accident Reports falling within these jurisdictions.

The Manitoba Snowmobile Operator's Program is available to all interested citizens in Manitoba, on a correspondence basis. During the winter of 1984/85, 2,694 individuals participated in this program.

The Bicycle Safety Training Program, based upon the Canada Safety Council's Safe Bicycling Course, is designed to teach children aged six to thirteen years to properly ride a bicycle, while at the same time providing them with the knowledge to recognize and avoid hazardous traffic conditions.

The Bicycle Safety Program is offered to elementary schools in Winnipeg, Selkirk, Brandon and Thompson, either through provision of a fully trained instructor to interested schools for a one-week period, or through offering instructional materials to schools for presentation by a faculty member. In 1985, 23,769 individuals were instructed in this program.

Over the past few years, the use of off-road vehicles (all-terrain vehicles, off-road motorcycles etc.) in Manitoba has increased in popularity, resulting in numerous accidents, convictions and public complaints. To deal with these problems, the Division of Driver and Vehicle Licencing, through the Snowmobile and Bicycle Safety Office, has put forward a proposal for the introduction of an "Off-Road Vehicles Act". The scope of the proposed legislation is to regulate in a fair and meaningful way the operation of all types of off-road vehicles.

DRIVER RECORDS AND SUSPENSIONS

The Driver Records and Suspensions Section maintains accurate, up-to-date records on all Manitoba drivers. These records form the base for the Division's Provincial Driver Improvement Program, and are made available to 5 rural Branch Offices, 11 Mobile Units, the Manitoba Public Insurance Corporation, the courts and all police enforcement agencies.

The Driver Records and Suspensions Section also maintains responsibility for notifying drivers of suspensions imposed, and the requirements for regaining their licence upon serving their suspension.

DRIVER IMPROVEMENT AND CONTROL

The Driver Improvement and Control Section attempts to identify accident and conviction prone drivers and to assist them in changing the driving habits and attitudes which have led to their involvement. Where control action is warranted, the driver may be placed on probation or may be referred for driver examinations or a Defensive Driving Course. The action which is taken by the Driver Improvement and Control Section is dependent on the driver's level of accident conviction involvement.

The ultimate goal of the Driver Improvement and Control Section is to reduce the number of fatalities, personal injuries and the amount of property damage which are the direct result of the numerous traffic accidents occuring annually in the province. By monitoring a driver's involvement and by taking appropriate action, the Driver Improvement and Control Section endeavors to make the roadways a safer place for all.

Since an important function of any driver improvement program is public information and education, personnel of the Driver Improvement and Control Section are available for information/educational talks to groups such as schools, service clubs or any other interested organizations. Members of the section served the public in this manner on several occasions in 1985.

ALCOHOL AND DRUG ABUSE

The objective of the Alcohol and Drug Abuse Section is to review and assess information which is received regarding a drivers use of alcohol and/or drugs, in accordance with the Highway Traffic Act and its Regulations and with departmental policy.

Drivers who are convicted of a second or subsequent offence pursuant to Sections 237, 238 and 239 of the Criminal Code of Canada are required to submit an assessment report. In co-operation with the Alcoholism Foundation of Manitoba, these drivers are required to attend an Impaired Driver's Course, which consists of information, intervention and assessment.

Where a serious alcohol/drug problem has been identified by correspondence received from physicians, police, courts and family members, a driver may be requested to submit an assessment report from the Alcoholism Foundation of Manitoba or other recognized agency or person engaged in the diagnosis and treatment of chemical dependancy.

Based on the assessment findings and the driver's record, further action may result in cancellation of driving privileges for failing to meet the medical standards or a periodic recall. Drivers may appeal the Division's decision of the Licence Suspension Appeal Board (Medical Review Committee).

The Alcoholism Foundation of Manitoba and Division of Driver and Vehicle Licencing have proposed a "First Offenders Program" in response to the Province of Manitoba's desire to reduce the incidences of impaired driving. Drivers convicted of a first Criminal Code alcohol/drug related driving offence would be required to complete an Impaired Driver's Program prior to the reinstatement of their driving privileges. This proposal has been approved in general by the Officials Monitoring Committee and will be recommended to Cabinet in the near future.

In 1985, the Alcohol and Drug Abuse Section processed 4,712 reports and a total of 786 suspensions were issued.

MEDICAL RECORDS

The primary objective of Medical Records is to establish systems and procedures for the review and assessment of a driver's medical fitness to safely operate a motor vehicle in accordance with the Highway Traffic Act and its Regulations, the guidelines published by the Canadian Medical Association and within departmental policy.

In 1985, Medical Records processed 31,263 medical reports. Drivers Action resulted in:

- 1,021 driver's licence cancellations; 602 to drivers failing to meet the medical standards, 419 for failing to comply with specific requirements.

- 1,029 declasses to a lower class of licence; 234 to drivers for failing to meet the medical standards, 795 to drivers for failing to comply.

- 1,550 driver interviews, driver tests completed by a Driver Examiner and driving assessments completed by the Occupational Therapist at the Rehabilitation Hospital were processed.

- 262 Medical Conditional Licences were issued and 117 had restrictions placed on their driver's licences.

MOTOR VEHICLE INSPECTION PROGRAM

The Motor Vehicle Inspection Program carries out the mechanical safety inspection of vehicles in accordance with standards prescribed, holds surveillance over the safety standards of components and accessories sold for use on registered vehicles, and supports other divisions of the Government respecting vehicle standards.

Of the 33,940 vehicles initially inspected in 1985, under the compulsory program of computerized random selection, 12,270 passed inspection on the first attempt, 21,092 failed, while the remaining 578 were determined to be of such hazardous condition that immediate suspension of registration resulted.

Inspections were also done on 1,180 vehicles presented on a volunteer basis, 200 public service vehicles, 1,700 school buses, 93 ambulances and 335 liquid propane fueled vehicles.

Consideration is being given to the implementation of a Commercial Vehicle Inspection Program, which would require annual inspection of all vehicles over 21,953 kilograms.

SYSTEMS

The Systems and Data Processing Section organizes the collection, storage, transmission and processing of data. This objective is achieved through the effective use of operating procedures and computer technology.

During the past few years, automation and associated procedures have developed extensively and encompass virtually every major function of Driver and Vehicle Licencing. Currently, a highly integrated and complex system supports most operating programs and interacts with external users such as the Manitoba Public Insurance Corporation, police authorities and other government departments. The data needs of each user are captured and processed in 76 different transaction formats and updated to a computer file containing approximately 727,000 driver records.

Information requirements are satisfied by 113 different computer printed reports and 14 on-line display formats which provide internal and external users with instant access to the data stored on individual drivers or vehicles.

The Division's word processing facilities became operational early in the 1985/86 fiscal year. The current configuration consists of 5 terminals, 4 printers and a central processing unit. With the implementation of the word processing facilities a new staff position was created to coordinate and supervise the word processing activities.

Major accomplishments in the area of systems development in 1985 include:

- development and implementation of an automated system for statistical reporting in the Driver Testing Section
- development and implementation of an automated system to produce cab cards and invoices for truck vehicle registrations in which Manitoba is a host jurisdiction province
- major enhancements to the driver's system to support the new federal drinking and driving laws (Bill C19)

TRAINING

The Training Services Section provides a support service for the training and development of the Division of Driver and Vehicle Licencing staff as well as training of outside agencies utilizing D.D.V.L. forms and information. It also serves as a support service for the development and maintenance of procedure manuals and for the dispersal of Highway Safety Information brochures.

In meeting the requirements of the Workplace Safety and Health Act, Training Services is responsible for the development and administration of a Divisional Safety Program.

RESEARCH AND STATISTICS

The major objective of the Research Section is to collect, maintain and analyze statistical information relative to the Driver and Vehicle Licencing Division. This is accomplished through the conducting of studies and through the provision of information/ reports to management, government departments, the general public and external agencies.

An in-depth study of seat belt and helmet legislation, designed specifically to determine the effectiveness of seat belt and helmet legislation in the Province of Manitoba, is presently being conducted by the University of Manitoba based Road Safety Research Unit. It is expected this study will be completed by September 1986.

ADMINISTRATIVE SERVICES

The Administrative Services Section provides an administrative support function to ten Driver and Vehicle Licencing operating programs and seven Branch Offices.

FINANCIAL SERVICES PROGRAM

The Financial Services Section collects, accounts for and distributes Government revenues from licencing and insuring both drivers and vehicles. It disburses and accounts for expenditures incurred by the Driver and Vehicle Licencing Division, maintains financial records for the purpose of budgetary planning, and provides revenue and expenditure analysis reports to management on a regular basis. This section provides a financial support function to ten programs within the Driver and Vehicle Licencing Division, seven Branch Offices, and in excess of 200 driver Licence Agents.

Highway Traffic Board

The Highway Traffic Board was formed in 1960, its members are appointed by the Lieutenant-Governor in Council and are responsible for the administration of the Highways Protection Act, portions of the Highway Traffic Act and portions of the Snowmobile Act.

The Members comprise of a chairman, vice chairman and three members. The staff presently consists of a Secretary, Administrative Officer I, Administrative Secretary 3, Administrative Secretary 2 and a Clerk Typist 2 who is on a term postion.

Hearings are scheduled and held in Winnipeg, Brandon, Dauphin and The Pas as central locations but have been held in Onanole, Winkler and Virden which included on-site inspections and some show cause hearings.

Responsibilities under the Highways Protection Act

The primary function of the Board was to control the locations of accesses onto and the construction of structures adjacent to major Provincial Trunk Highways within the controlled areas. This was for the purpose of protecting the interests of the public, promoting the safety of persons using the highways and generally furthering the amenities of travel on the highways.

Accomplishments

Advertising Signs

A draft has been submitted for new legislation as an amendment to the Highways Protection Act as Part V to cover all advertising signs along the provincial highways.

Responsibilities under the Highway Traffic Act

The Board administers all speed limit regulations, traffic control devices regulations, pedestrian corridor locations, municipal weight limit by-laws, highway classification and bridge restrictions throughout the province.

Accomplishments

Traffic Control Devices

The Highway Traffic Board has consolidated under Manitoba Regulation No. 264/85 covering Traffic Control Devices which are unique to and in use throughout the Province of Manitoba.

Speeds

The Highway Traffic Board has regulated four Provincial Trunk Highways from 90 km/h to 100 km/h in the year 1985.

Responsibilities under the Snowmobile Act

The Highway Traffic Board is responsible for approval of municipal by-laws requesting locations where snowmobiles may be operated on or across highways. Due to the safety implications the Board has not approved such by-laws for the year 1985.

Anticipated/Planned Accomplishments

Speed Regulation now under Manitoba Regulation 130/81 and subsequent amendments should be consolidated and completed in 1986.

Speed Regulation now under Manitoba Regulation No. 217/79 for 100 km/h and subsequent amendments should be consolidated and completed by Spring of 1987.

The Highways Protection Act - H50-R1 (Control Areas) for consolidation is targeted for late 1987.

As the jurisdiction of The Highway Traffic Board affects over 200 municipalities, there are frequent consultations with these authorities or designated representatives respecting their concerns, problems or requests. Therefore the summary of the Highway Traffic Board's activities is included for a comparision for the years 1984 and 1985.

Traffic Board Activities Comparative Summary

HEARINGS	1984	1985
Winnipeg	44	29
Brandon	10	9
Dauphin	6	6
Other Locations (R.M. Offices-Specials)	3	13
Show Cause	3	12
Additions (Special)	--	10
Totals	66	79

APPLICATIONS ADMINISTERED		
Structures and Access	406	502
Speed Limits	85	100
Pedestrian Corridors	8	7
Advertising Signs	164	217
Traffic Control Devices	5	2
By-Laws	2	6
Snowmobiles (Routes)	2	--
Totals	672	834

PERMITS ISSUED/APPROVED		
Structures and Access	287	300
Speed Limits	53	44
Pedestrian Corridors	8	4
Advertising Signs	81	107
Traffic Control Devices	5	2
By-Laws	1	5
Snowmobiles (Routes)	--	--
Totals	435	462
DENIED/CANCELLED		
Structures and Access	38	32
Speed Limits	14	15
Pedestrian Corridors	--	3
Advertising Signs	34	56
Traffic Control Devices	--	--
By-Laws	--	--
Snowmobiles (Routes) & By-Laws	2	--
Cancelled	19	31
Totals	107	137
SPECIAL (BOARD INFO & DISCUSSION FILES)	--	64
DEFERRED FOR FURTHER INVESTIGATION		
Structures and Access	62	108
Speed Limits	18	34
Pedestrian Corridors	--	--
Advertising Signs	49	28
Traffic Control Devices	--	--
By-Laws	1	1
Snowmobiles (Routes)	--	--
Totals	130	171
REGULATIONS WRITTEN	59	122
REGULATIONS FILED	13	13
ON-SITE INSPECTIONS	48	98
FILES REQUESTED BY PUBLIC UTILITIES BOARD	8	23

Licence Suspension Appeal Board

The primary function of The Licence Suspension Appeal Board is to hear appeals of individuals who have had their driver's licences suspended by the Courts or the Registrar. The Highway Traffic Act further provides for the Board to hear appeals of suspensions, cancellations or denials of Driving School Permits, Driving School Instructor Permits, Automobile Dealers Permits and Salesman's Permits.

Public interest and exceptional hardship are the criteria used to determine if an individual is to be granted or denied remission. The decisions of the Appeal Board are final.

Sections 278 and 279 of The Highway Traffic Act provide the authority, jurisdiction and procedures of this Board.

The Board consists of a Chairman, Vice-Chairman and 9 Board Members. All members are appointed by Order in Council and are from all walks of life. Members reside in Winnipeg (4), Leaf Rapids, Brandon, Ochre River, LaBroquerie, Fort Alexander, Lockport and Petersfield.

The staff at present consists of a Board Secretary, an Administrative Officer and 2 Clerk Typists.

Hearings are held:

- Winnipeg - Weekly on Tuesday & Thursday A.M. & P.M.
  Also Wednesday as needed A.M. & P.M.

- Brandon - Bi-weekly on Thursday A.M. & P.M.

- Dauphin - Monthly on Wednesday A.M. & P.M.

- Beausejour/Steinbach - Alternating on bi-weekly basis on Wednesday A.M. & P.M.

- The Pas/Thompson - As needed (approximately 4 times a year)

Activities of the Board during 1985 included:

- 4,291 applications were received from January 1, 1985 to December 31, 1985.

- 373 half day hearings were held throughout the Province.

- Decisions were made on 3,921 applications.

- 370 applications were either cancelled, held pending for various reasons, or the suspensions had expired.

In 1985 the following took place:

- 17.3% increase over 1984 in applications received.

- 9.4% increase over 1984 in hearings held.

- Waiver of fee was granted in 3 cases.

- 19 applications were processed by way of written submissions.

- 1,082 applicants had made a previous appeal to this Board, 226 had made two previous appeals, 72 had made three previous appeals and 19 had made four or more previous appeals.

- 77 full remissions were granted. 34 of these were applicants who had operated on a restricted driver's licence for 3 years with no further involvement.

Description of Suspensions

1. Section 264 of the Highway Traffic Act

   Statutory suspensions imposed automatically on Criminal Code of Canada convictions.

   Specific convictions referred to in this report will be Impaired Driving, Refusal to submit to a Breath Test and Operate a motor vehicle with blood alcohol content over .08.

   The heading "264 H.T.A. Other" includes such convictions as Dangerous Driving, Leave the Scene of an Accident, Criminal Negligence and Drive Disqualified.

2. Section 273 of the Highway Traffic Act

   Suspensions imposed by the Registrar of Driver & Vehicle Licencing on review of driving record.

3. Sections 264 & 273 of the Highway Traffic Act

   Combination of No. 1 and No. 2.

4. Section 24-13 of the Highway Traffic Act

   Suspensions imposed by the Registrar of Driver & Vehicle Licencing to a probationary driver involved in accidents and/or convictions.

5. Section 167 of the Highway Traffic Act

   Out of Province suspensions.

6. Court Suspensions - Highway Traffic Act

Suspensions imposed by the Courts on Highway Traffic Act convictions.

7. Refusal to issue by Registrar

Refusal to issue Driving School Permits, Instructor Permits, Automobile Dealers Permits and Salesman's Permits by the Registrar of Driver & Vehicle Licencing.

SUMMARY OF APPLICATIONS

Total Applications Received - 4,291
Total Hearings Held - 373

Disposition of applications by types of suspension:

(1)	Section 264 Highway Traffic Act		
	Restricted remission	2,036	
	Full remission	77	
	Application denied	112	
	Sub Total		2,225
(2)	Section 273 Highway Traffic Act		
	Restricted remission	1,548	
	Full remission	0	
	Application denied	55	
	Sub Total		1,603
(3)	Section 264 & 273 Highway Traffic Act		
	Restricted remission	24	
	Full remission	0	
	Application denied	2	
	Sub Total		26
(4)	Section 24-13 Highway Traffic Act		
	Restricted remission	62	
	Full remission	0	
	Application denied	1	
	Sub Total		63
(5)	Section 167 Highway Traffic Act		
	Restricted remission	4	
	Full remission	0	
	Application denied	0	
	Sub Total		4
(6)	Miscellaneous		
	Court Suspensions - Highway Traffic Act	0	
	Refusal to issue by Registrar	0	
	Applications cancelled	193	
	Applications pending	92	
	Suspensions expired	85	
	Sub Total		370
	TOTAL		4,291

MEDICAL REVIEW COMMITTEE

The Medical Review Committee provides an appeal procedure for individuals who have had their driver's licence suspended, cancelled, declassed or refused issuance of a licence because of medical reasons.

The Committee, upon hearing an appeal, determines whether the standards as set out by the Canadian Medical Association and Manitoba Regulation 61/75 and 20/85 are applied in a fair and equitable manner and whether an exception to the rule may be made. The Committee may confirm, cancel or vary the decision of the Registrar and decisions made by the Committee are final.

Section 157(4) of The Highay Traffic Act provide the authority, jurisdiction and procedures of The Medical Review Committee.

The Committee consists of a Chairman (General Practitioner), 3 Specialists (Cardiologist, Neurologist, Ophthalmologist) and a Lay-Member (Nurse). There are 5 Alternate Members that can be used in the absence of any Committee Member.

The Medical Review Committee holds hearings in Winnipeg only. Hearings are scheduled as needed and are attended by the Chairman, the Specialist and a Lay-Member to form a quorum.

Activities of the Committee in 1985 included:

- 182 applications were from January 1, 1985 to December 31, 1985.

- 61 of these applications were for Cardiology.

- 72 of these applications were for Neurology.

- 49 of these applications were for Ophthalmology.

- 23 hearings were held.

Statistical information may be found in Tables No. MV1, MV2, MV3 and MV5.

Motor Transport Board

The Motor Transport Board exercises both an intra and extra-provincial jurisdiction in the regulation of the transportation of passengers and freight by motor carriers. It is statutorily created by Section 326 of the Highway Traffic Act and acquires its mandate and executes its responsibilities for its intra-provincial jurisdiction pursuant to Part VIII of the Act. Its extra-provincial jurisdiction arises out of The Motor Vehicle Transport Act (Canada), which authorizes the Board to regulate motor transport extra-provincially "in like manner" to its intra-provincial jurisdiction.

In executing its role, the Board controls entry into the for-hire truck and bus industry on an intra and extra-provincial basis and sets transportation rates and charges intra-provincially. It also establishes minimum insurance and fidelity requirements and generally supervises carriers' operations for the protection of the public.

During the month of February, 1986, one Member of the Board passed away, Mr. N. Manchur. The Board as of this report is comprised of seven Members.

Every Province in Canada has a Board or Commission which regulates its motor transport industry in a similar fashion, particularly with respect to extra-provincial operations. The national nature of transportation service, has made it necessary for there to be continuing liaison and co-operation between the Provinces and the Federal Government. This has been achieved through an organization of transportation officials known as the Canadian Conference of Motor Transport Administrators (C.C.M.T.A.) which answers to the Council of Ministers responsible for transportation and highway safety. The C.C.M.T.A. is divided into four Standing Committees:

(1) Standing Committee on Drivers and Vehicles;
(2) Standing Committee on Motor Carriers;
(3) Standing Committee on Traffic Safety Programs;
(4) Standing Committee on Canadian Agreement on Vehicle Registration.

The Board is actively involved in the Standing Committee on Motor Carriers and has taken a high national profile role since 1975. The Standing Committee has undertaken to reduce the administrative barriers respecting transportation by developing uniformity in regulatory practice throughout Canada.

As a result of the Board's activity with the C.C.M.T.A., the Board issued an Order adopting new Rules of Practice and Procedure that was published in The Manitoba Gazette as Regulation 102, 1985. The new rules went into effect on June 15, 1985.

The new procedure was promulgated to deter ill-advised applications and eliminate opposition without appropriate grounds. The new Rules of Practice & Procedure along with the addition of a second hearing room facility has shortened the time frame. An application is held by the Board until the setting of a public hearing from approximately 9-11 months to approximately 3 months.

The activities of the Board were subject to a review by the Task Force on Motor Carrier Regulation. The Task Force submitted a final report in September, 1984 and a White Paper was issued in May, 1985. The following recommendations of the Task Force, or modifications thereof, have been implemented by the Board.

Expanded List of Designated Commodities

1. Joint Public Hearings were held with the Alberta Motor Transport Board and Saskatchewan Highway Traffic Board in the Provinces of Manitoba, Alberta and Saskatchewan during the month of August, 1985, to expand the list of designated commodities.

   A Board Decision was released in January, 1986 substantially expanding the list of designated commodities. The appropriate Regulation has been filed and the Regulation is in effect.

Improved Enforcement

2. An amendment to The Highway Traffic Act for more effective enforcement was passed by proclamation on September 30th, 1985. The amendments to the Highway Traffic Act enables the Board to impose fines, and adds a provision to sanction parties who knowingly enter into arrangements for unauthorized transportation. The maximum fines have also been increased.

Standardized and Simplify Carrier's Certificates

3. The Board adopted the Standard Transportation Commodity Code. The Board published Policy Statement No. 9 effective January 2nd, 1986 advising that whenever possible the Board shall describe the commodities in the terms of the Certificate with the number assigned by the Standard Transportation Commodity Code, issued by the Western Trunk Line Committee. A partial rewrite of the operating Certificates was commenced during the summer months of 1985.

Reduce Routing Restrictions

4. The Board no longer imposes routing restrictions in new items of authority in Certificates and is presently making the appropriate changes whenever possible in existing items of authority.

Clarify Leasing Arrangements

5. The Board is presently considering reforms respecting Private Carriage, Single Source Leasing and Driver Pool Operations. The Board shall conduct a Public Hearing to receive comments from all interested persons on the Board's proposal for reform. The Board shall deal with these matters in June, 1986.

Clarify Tacking Policy

6. The Board issued Policy Statement No. 7 in July, 1985 clarifying and reforming its policy respecting the tacking together of operating authorities to provide a through service.

Additionally, a Memorandum of Understanding was signed by the Federal, Provincial and Territorial Ministers Responsible for Transportation on February 27th, 1985. The Board will implement the terms of the agreement as follows:

UNDERTAKING	MANNER OF IMPLEMENTATION
1. Shifting the burden of proof to respondents in extra-provincial applications.	Board Policy and Rule changes were proposed. It was determined implementation should await amendments to Motor Vehicle Transport Act by federal government. Effective Date: Expected Jan. 1, 1988.
2. Extension of list of designated commodities extra-provincially.	Board Hearing Process. Effective Date: Board Decision released January, 1986. Regulation filed under No. 36 & 37/86.
3. Adoption of Standard Transportation Commodity Code.	Board Policy and rewrite of operating authorities. Effective Date: Policy Statement No. 9 effective Jan. 2/86. Subsequently Man. Reg. 42/86 filed. Student partially completed rewrite Summer, 1985.
4. Elimination of routing restrictions.	Board Policy Effective Date: Immediate

UNDERTAKING	MANNER OF IMPLEMENTATION
5. Issuing authorities "to the border only".	Board Policy Effective Date: Policy Statement No. 3 is suspended. Manitoba Court of Appeal has determined the Board has no jurisdiction to adopt a "to the border only" policy.
6. Streamlining process of Transport Board licence applications.	New Board Rules of Practice and Procedure. Effective Date: Published in The Manitoba Gazette as Manitoba Regulation 102/85 effective June 15, 1985.
7. Monitor progress and results of implementation.	Compilation of certain statistics by Board; other studies independent of Board under supervision of C.C.M.T.A. Effective Date: Immediate
8. Further Study	Independent of Board under supervision of C.C.M.T.A. Effective Date: Board Chairman on Steering Committee instructing Consultants.

The Motor Transport Board held regular Public Hearings in the Board Room at 202 - 301 Weston Street, Winnipeg, Manitoba, commencing at 9:30 A.M. on every available working day throughout each week of the year. A number of hearings were held in Manitoba outside of the City of Winnipeg. (Board hearings were held in Gladstone, Neepawa, Minnedosa, Brandon, Norway House and Virden, Manitoba).

During the 1985/86 licence year (March 1st, 1985 - February 28, 1986), the Board participated in four joint hearings with other provincial jurisdictions to hear concurrently the evidence for applications made by four separate extra-provincial carriers.

The joint hearings were held in Manitoba, Ontario, Saskatchewan and Alberta with the Provinces of Ontario, Manitoba, Saskatchewan and Alberta participating in the proceedings.

During the 1985/86 licence year (March 1st to February 28th), the Board held 144 Public Hearings and 50 General Board Meetings for a combined total of 194 agendas prepared for hearing of applications and other matters.

To hear the matters on these agendas the Board set aside 205 days for the Public Hearings and 50 days for the General Board Meetings, consisting of a total of 255 days required for sitting to hear the total combined applications. The Board dealt with 313 applications during General Board Meetings. Twenty hearing days were utilized to hear applications in other locations simultaneously when the Board conducted public hearings in the Board Hearing Room.

At its hearings during the 1985/86 licence year the Board dealt with some 528 applications, which were disposed of as follows:

Approved	359
Denied	11
Withdrawn	28
Cancelled	30
Postponed	24
Dismissed	6
Pending	38
Show Cause	32
	528

Included in the 528 applications were 352 federal carrier applications seeking extra-provincial operating authority. The Board, in its capacity as a Provincial Transport Board under The Motor Vehicle Transport Act (Canada) disposed of the applications as follows:

Approved	246
Denied	9
Withdrawn	19
Cancelled	16
Postponed	19
Dismissed	4
Pending	16
Show Cause	18
Joint Hearings	5
	352

The Board approved 66 designated commodity applications during the 1985/86 licence year. These are included in the total of 528 applications dealt with by the Board, and consisted of:

- 29 designated commodity applications related to agricultural commodities in their final movement internationally, as described in Board Order 4/70.

- 19 household goods and personal effects, as described in Tariff M101, as per Board Order 11/66.

- 2 designated commodity applications relating to ore and ore concentrates, as described in Board Order 28/69.

- 16 Intra-Municipal Livery Certifictes as designated movement when transporting physically and mentally handicapped individuals pursuant to Board Order 38/84.

The Board held a number of public hearings to consider amendments and increases to the Standard Tariff of Tolls governing the movement of freight within the Province.

In addition, the Board continues active participation in the American Association of Motor Vehicle Administrators and the Multistate Reciprocity Committee in promoting agreements with American states providing for reciprocal recognition of commercial vehicle registrations. The Board successfully entered into agreement with 30 States in the U.S.A. and currently pursuing an agreement with the State of Arizona. Activity will continue in this area in 1986/87. The Board recently negotiated a new Full and Free Reciprocity Agreement with the State of Minnesota which maintains full reciprocity for farm-plated vehicles.

The Board provides representation on a special Joint Canada - U.S. Committee on Motor Carriers. This is a consultative measure designed to eliminate or prevent problems such as the U.S. Moratorium on the grant of operating authorities to Canadian carriers as arose in 1982/83. The Consultative Mechanism Committee meets twice a year to discuss various issues pertaining to transportation impediments identified as potential problem areas in the movement of freight and passengers between Canada and the United States of America.

The Board's staff investigated and issued 233 temporary Public Service Vehicle authorities. The temporary authorities were issued when it was established that the authorized carriers could not provide the required service or did not object to the issuance of the temporary authority, or where extra-ordinary circumstances necessitated its issuance.

The Board's staff also issued 1495 Letter Permits, temporarily allowing the use of motor vehicles not otherwise authorized.

The Board's Inspectors investigated and concluded 109 filed complaints that were submitted to the Board by: shippers, consignees, carriers and the general public. The nature of the complaints are categorized as:

Violations of Authority	31
Public Service Vehicle Operations Without Authority	36
Lack of Service	14
Rate Tariff Violations	3
Illegal Advertisements	4
Failure to Remit C.O.D. Funds	4
Claim Disputes	6
Miscellaneous	11
Total	109

REVENUE COMPARISON

	March 1/83 to February 29/84	March 1/84 to February 28/85	March 1/85 to February 28/86
Application Fees	$19,975.00	$19,250.00	$42,350.00
Respondent Fees	15,100.00	16,125.00	11,350.00
Hearing Fees	20,000.00	22,875.00	15,225.00
Disciplinary Action Fees	10,800.00	6,050.00	4,100.00
	$65,875.00	$64,300.00	$73,025.00

REVENUE COMPARISON 1984/85 - 1985/86

The Highway Traffic Act	1984/85	1985/86	Increase or Decrease
P.S.V. Freight Trucks Trailers	$3,250,066.00	$3,577,981.00	+ $327,915.00
P.S.V. Passenger Buses	70,220.00	69,142.00	- 1,078.00
Commercial Trucks Trailers	2,953,132.00	3,371,522.00	+ 418,390.00
Inter-Municipal Liveries	31,318.00	31,650.00	+ 332.00
Miscellaneous	640,329.00	749,760.00	+ 109,431.00
	$6,945,065.00	$7,800,055.00	+ $854,990.00

Miscellaneous revenue referred to above is further broken down as follows:

	1084/85	1985/86
Single Trip Permits	$ 476,077.00	$ 468,443.00
Transit and Breakdown Permits	1,368.00	1,655.00
Limited Permits	14,680.00	15,615.00
Administration Fees Manitoba Based	47,154.00	38,310.00
Canadian Agreement on Vehicle Registration Administration Fees	87,781.00	156,143.00
Motor Transport Board Filing and Hearing Fees and Costs	63,269.00	69,594.00
	$ 640,329.00	$ 749,760.00

Comparative Statement of Vehicles Registered

Vehicles Base-Plated in Manitoba	1984/85	1985/86
Public Service Vehicle Trucks	2,810	3,297
Public Service Vehicle Quarterly	213	423
Public Service Trailers	17	23
Public Service Vehicle Driveaways	30	42
Commercial Trucks	18,182	20,069
Commercial Trucks Quarterly	678	1,320
Commercial Trailers	845	909
Commercial Driveaways	22	19
Passenger Buses	141	153
Inter-Municipal Liveries	690	695
	23,628	26,950

Vehicles Registered under Canadian Agreement on Vehicle Registrations

Manitoba Based	1984/85	1985/86
Commerical (CT)	636	723
PSV	1,479	1,973
U-Drive	67	67
	2,182	2,763
Out-of-Province Based		
Commerical (CT)	1,601	1,541
PSV	4,573	4,967
U-Drive	430	381
	6,604	6,889

REVENUE

1985 - 1986 Licence Year

P.S.V. Trucks, Trailers, Driveaway-Manitoba Based	$2,470,952.00	
- Weight Increases	28,393.00	
- Change of Vehicle	8,217.00	
P.S.V. Trucks, Out-of-Province Based	1,070,419.00	$3,577,981.00
P.S.V. Passenger Buses, Manitoba Based	$ 35,563.00	
- Change of Vehicle	8.00	
P.S.V. Passenger Buses, Out-of-Province Based	33,571.00	$ 69,142.00
Commercial Trucks, Trailers, Driveaway-Manitoba Based	$3,155,209.00	
- Weight Increases	19,584.00	
- Change of Vehicle	7,040.00	
Commercial Trucks, Out-of-Province Based	$ 189,689.00	$3,371,522.00
Liveries:		
- Country	$ 10,338.00	
- Change of Vehicle	8.00	$ 10,346.00
- City	$ 21,303.00	
- Change of Vehicle	1.00	$ 21,304.00

Taxicab Board

The Taxicab Board, created by the Taxicab Act, is composed of a member of the Council of the City of Winnipeg, the Chief Constable of the Police Force of the City of Winnipeg and three other persons appointed by the Lieutenant-Governor in Council.

During the fiscal year 1985-1986, the Board issued 2,142 Taxicab Driver's licences but 48 licence applications were rejected because the applicants either lacked sufficient knowledge of the City of Winnipeg, were on probation at the Safety Division or otherwise failed to meet the Board's requirements for a taxicab driver.

The number of taxicabs authorized to operate in the City of Winnipeg remained at 400, the same as in the previous year. However, the Taxicab Board authorized the licencing of 19 additional vehicles to be used for weddings, funerals, V.I.P. and sightseeing tours, including limousine service from the Winnipeg International Airport to downtown hotels and downtown places of business.

For many years, the Taxicab Board has allowed licenced Taxicab Operators to add temporary, extra taxicabs during the Christmas and New Years period. There were 53 additional taxicabs operating during December 2, 1985 to February 28, 1986 an increase of 8 over 1984-85.

On July 1, 1985, the Taxicab Board started issuing plasticized Taxicab Driver's licences with photo and large I.D. numbers.

Also, on July 1, 1985, the Taxicab Board issued information stickers to be placed on the rear side windows of all taxicabs within the City of Winnipeg. The stickers have the Taxicab Board phone number on them so that if a customer has a compliment or complaint they could call the Taxicab Board.

On August 25, 1986, the Taxicab Board moved from 301 Weston Street, to 1075 Portage Avenue, Winnipeg, Manitoba. On October 25, 1985, Charles Walker was appointed Secretary replacing R.E. Leech, who remained with the Motor Transport Board.

Summary of Revenues:

	84/85	85/86
Taxi and U-Drive Licence Plates	$ 180,897.00	$ 171,684.00
Change of Vehicle	2,077.00	3,350.00
Taxicab, U-Drive Business Licence and Taxicab Driver Licence	2,140.00	2,816.00
	$ 182,974.00	$ 194,258.00

Summary of Licences Issued:	84/85	85/86
To operate a Taxicab Business	204	217
To operate a Taxicab	400	400
Drive Yourself Business Licence	99	104

NOTE: This Report is for the Licence Year March 1, 1985 to February 28, 1986.

ADMINISTRATION SECTION
TABLES A1 THROUGH A13

SUMMARY OF GROSS EXPENDITURES — Table No. A1

Administration and Subsidiary	$ 29,827,431.17
Assistance	5,961,344.69
Construction	86,254,535.73
Maintenance	50,080,040.17
Mechanical Equipment Services	20,823.29
Warehouse Stores	500,693.96
Driver and Vehicle Licencing	12,817,060.40
Miscellaneous**	11,120,391.75
Air and Radio Services*	3,738,873.17
Winter Truck Roads	2,331,638.55
Transportation	182,396.10
	$202,835,228.98

**15-7H-99	Recovered from Jobs Fund	$ 6,562,800.97
*15-7E-3	Recovered from Northern Affairs	$ 1,767,572.29

ADMINISTRATION AND SUBSIDIARY EXPENDITURES

Table No. A2

APPROPRIATION	DIVISION	AMOUNT
15-1A & B	Executive Support	$ 322,103.48
15-1C	Administration Services	477,541.61
15-1D	Financial Services	557,120.11
15-1E	Personnel Services	575,752.24
15-1F	Computer Services	866,700.74
15-2C	Operations & Contracts	1,541,333.24
15-2D	Bridge Office	1,355,030.59
15-2E	Traffic Inspection	1,721,134.56
15-2F	District Offices	8,380,989.66
15-3A	Planning & Design	1,808,028.68
15-3B	Surveys & Titles	912,719.59
15-4A	Management Services	119,204.17
15-4D-1	Northern Airports	2,099,520.58
15-4E	Marine Services	802,345.00
15-4F	Laboratory	1,351,041.38
15-4G	Traffic Section	3,792,249.04
15-4H	Air/Radio Services	2,206,973.89
15-5A-B	Transportation Division	937,642.61
		$29,827,431.17

AIDES TO CITIES, TOWNS, VILLAGES AND UNINCORPORATED VILLAGES AND WORK IN UNORGANIZED TERRITORY

Table No. A3

APPROPRIATION	PURPOSE	AMOUNT
15-7B	Aides to Cities, Towns, Villages and Unincorporated Villages	$1,530,792.16
	Grant equal to 50% of the cost of approved street construction projects.	
15-7C	Work in Unorganized Territory and Disorganized Municipalities	3,823,917.32
	Activity provides for construction and maintenance in Unorganized Territory on 50/50% or 100% basis depending on category of road.	
15-7D	Access to Remote Communities	606,635.21
		$5,961,344.69

CONSTRUCTION

Table No. A4

APPROPRIATION	PURPOSE	AMOUNT
15-7A	Provincial Trunk Highways	$37,166,822.85
	Provincial Roads	32,273,582.08
	Northern Roads	16,814,130.80
		$86,254,535.73

MAINTENANCE

Table No. A5

APPROPRIATION	PURPOSE	AMOUNT
15-2A	General Maintenance on Provincial Trunk Highways	$19,061,478.94
	General Maintenance on Provincial Roads	27,956,559.15
	Miscellaneous Expenditures	
	Vacation & Sick Leave	2,685,631.13
	Maintenance Management	245,352.69
	Ferries	40,016.05
	Maintenance Materials Holding Account	284,657.70
	Administrative Overheads	(193,655.49)
		$50,080,040.17

MECHANICAL EQUIPMENT SERVICES
APPROPRIATION 15-4B

Table No. A6

Other Expenditures)		
Equipment & Tools)	$20,210,302.02	
Building & Storage Yards)		
Sub Total		$20,210,302.02
Less Machine Rentals		20,189,478.73
	TOTAL	$ 20,823.29

WAREHOUSE STORES
APPROPRIATION 15-4C

Table No. A7

Other Expenditures	$ 534,626.57	
Purchases	6,359,066.44	
Sub Total		$6,893,693.01
Less Recoveries		6,392,999.05
	TOTAL	$ 500,693.96

DRIVER AND VEHICLE LICENCING

Table No. A8

APPROPRIATION	PURPOSE	AMOUNT
15-6A	Management Services	$ 5,205,076.15
15-6B	Driver Licencing and Vehicle Registration	1,187,156.09
15-6C	Safety	5,401,687.44
15-6D	Highway Traffic Board Highway Transport Board, Taxicab Board and Licence Suspension Appeal Board	1,023,140.72
		$12,817,060.40

MISCELLANEOUS EXPENDITURES — Table No. A9

APPROPRIATION	PURPOSE	AMOUNT
15-2G-1 & G-2	Maintenance & Construction	$ 2,866,259.64
15-7E-1B	Gravel Exploration	158,701.96
15-7E-1C	Highway Equipment	691,297.51
15-7E-1D	Water Bomber Contract	234,663.66
15-7E-1E	Equipment Storage Buildings	578,597.68
15-7E-1F	Improvements to Weigh Scales	73,881.56
15-7E-1G	Ferry Landing Improvements	64,955.46
15-7E-1H	Transportation - Handicapped	10,000.00
15-7E-1K	Ferries Major Repairs	284,320.06
15-7F-1 & F-2	Bridge Timbers & Materials Stockpiled	(94,005.93)
15-7G-1 & G-2	Purchase Crushed Gravel	(311,080.82)
15-7H-1 & H-2	Jobs Fund Construction** (Recoverable from Jobs Fund)	6,562,800.97
		$11,120,391.75

**See Table No. A1 (15-7H-99)

AIRCRAFT/RADIO SERVICES
NORTHERN AIRPORTS/MARINE OPERATIONS — Table No. A10

APPROPRIATION	PURPOSE	AMOUNT
15-4D-2	Other Expenditures	$1,203,664.56
15-7E-1A	Minor Improvements to Airports	744,980.35
15-7E-2A	Airport Development * (Recoverable from Northern Affairs)	1,454,118.15
15-7E-2B	Community Roads * (Recoverable from Northern Affairs)	313,454.14
15-7E-1J	Thompson - Air Hanger	22,655.97
		$3,738,873.17

* See Table No. A1 (15-7E-3)

WINTER TRUCK ROADS,
CONSTRUCTION AND MAINTENANCE

Table No. A11

APPROPRIATION	PURPOSE	AMOUNT
15-2B-1	Winter Truck Roads	$ 92,281.18
15-2B-2	Winter Truck Roads	2,239,357.37
		$2,331,638.55

TRANSPORTATION POLICY AND RESEARCH

Table No. A12

APPROPRIATION	PURPOSE	AMOUNT
15-C5	Rural Transportation Grants for the Mobility Disadvantaged	$182,396.10
15-5D-1A & 1B	Churchill	106,364.48
15-5D-2A	Transport Development***	70,228.89
15-5D-2B	Other Expenditures***	478,036.70
15-5D-33	Churchill Season Extension	247,527.15
	Sub Total	1,084,553.32
	***Less Recoveries 15-5D-99	(902,157.22)
	TOTAL	182,396.10

FINANCIAL REPORT
YEAR ENDED MARCH 31, 1986

The following pages provide a summary report on Highways and Transportation expenditures in the fiscal year 1985/86, a comparison of actual expenditures to the amount approved by the Legislature for each appropriation and an explanation of significant expenditures to vote variances.

The 1985/86 fiscal year ended with a $6.6 million surplus in comparing actual expenditure to main estimates. The surplus is mainly attributed to a $8.7 million surplus in road construction as a result of weather conditions delaying several road construction projects, delays in acquisition of right-of-way and a contractor's delay in fabrication of the steel for the Selkirk Bridge and the Gillam Road Structure. This surplus was partially offset by the unbudgeted expenditure of $2.1 million for the D.D.V.L. - M.P.I.C. Cost-Sharing Agreement. Other significant expenditure variances are explained at the conclusion of this report.

Further expenditure detail will be found on pages providing program information. Expenditure detail is provided for variance levels as follows:

Size of Total Allotment	Level of Significance
Up to $500,000.00	20% or over
$500,100.00 to $1,000,000.00	15% or over
$1,000,100.00 to $5,000,000.00	10% or over
$5,000,000.00 and over	5% or over

TABLE NO. A13

EXPENDITURE SUMMARY
BY APPROPRIATION

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-1	Administration and Finance				
	(a) Minister's Salary	9,056	9,800	(744)	
	(b) Executive Support				
	Salaries	239,965	270,400	(30,435)	
	Other Expenditures	73,082	82,700	(9,618)	
	(c) Administrative Services				
	Salaries	436,899	408,300	28,599	
	Other Expenditures	40,643	53,100	(12,457)	
	(d) Financial Services				
	Salaries	492,848	493,500	(652)	
	Other Expenditures	64,272	61,800	2,472	
	(e) Personnel Services				
	Salaries	490,090	475,800	14,290	
	Other Expenditures	85,662	85,100	562	
	(f) Computer Services				
	Salaries	554,351	592,700	(38,349)	
	Other Expenditures	312,350	371,000	(58,650)	
	TOTAL 15-1	2,799,218	2,904,200	(104,982)	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-2	Operations and Maintenance				
	(a) Maintenance Program	50,080,040	49,240,000	840,040	
	(b) Winter Roads				
	100% Provincial	92,281	100,000	(7,719)	
	Shareable	2,239,357	2,315,000	(75,643)	
	(c) Operations and Contracts				
	Salaries	1,054,485	952,100	102,385	
	Other Expenditures	486,848	415,600	71,248	
	(d) Bridges and Structures				
	Salaries	1,263,806	1,205,600	58,206	
	Other Expenditures	91,225	96,700	(5,475)	
	(e) Traffic Inspection				
	Salaries	1,447,014	1,450,900	(3,886)	
	Other Expenditures	274,121	282,300	(8,179)	
	(f) District Offices				
	Salaries	7,288,782	7,249,100	39,682	
	Other Expenditures	1,092,208	1,158,200	(65,992)	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-2	Operations and Maintenance (Cont'd.)				
	(g) Other Jurisdictions				
	Gross Expenditures	5,377,068	6,000,000	(622,932)	1
	Less: Recoverable from Other Appropriations	(2,510,808)	(3,665,000)	1,154,192	1
	TOTAL 15-2	68,276,427	66,800,500	1,475,927	
15-3	Planning, Design and Land Surveys				
	(a) Planning and Design				
	Salaries	1,548,705	1,461,900	86,805	
	Other Expenditures	259,324	269,600	(10,276)	
	(b) Land Surveys				
	Salaries	744,866	775,400	(30,534)	
	Other Expenditures	167,853	170,000	(2,147)	
	TOTAL 15-3	2,720,748	2,676,900	43,848	
15-4	Engineering and Technical Services				
	(a) Management Services				
	Salaries	113,275	111,400	1,875	
	Other Expenditures	5,929	5,700	229	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-4	Engineering and Technical Services (Cont'd)				
	(b) Mechanical Equipment Services				
	Salaries	6,732,682	7,016,700	(284,018)	
	Other Expenditures	13,477,620	13,403,400	74,220	
	Less: Recoverable from Other Appropriations	(20,189,479)	(20,420,100)	230,621	
	(c) Warehouse Stores				
	Salaries	365,775	429,400	(63,625)	
	Other Expenditures	168,852	295,600	(126,748)	2
	Purchases	6,359,066	7,000,000	(640,934)	
	Less: Recoverable from Other Appropriations	(6,392,999)	(7,200,000)	807,001	3
	(d) Northern Airports				
	Salaries	2,099,521	2,202,000	(102,479)	
	Other Expenditures	1,203,665	1,203,300	365	
	(e) Marine Services				
	Salaries	437,812	493,100	(55,288)	
	Other Expenditures	364,533	359,900	4,633	
	(f) Materials and Research				
	Salaries	1,155,285	1,171,200	(15,915)	
	Other Expenditures	195,756	196,000	(244)	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-4	Engineering and Technical Services (Cont'd)				
	(g) Traffic Operations				
	Salaries	575,490	565,000	10,490	
	Other Expenditures	4,149,261	3,978,900	170,361	
	Less: Recoverable from Other Appropriations	(932,502)	(800,000)	(132,502)	
	(h) Government Air and Radio Services				
	Salaries	2,797,998	2,843,800	(45,802)	
	Other Expenditures	2,891,938	3,167,900	(275,962)	
	Less: Recoverable from Other Appropriations	(3,482,962)	(3,700,000)	217,038	
	TOTAL 15-4	12,096,516	12,323,200	(226,684)	
15-5	Transportation Policy and Research				
	(a) Salaries	692,307	717,500	(25,193)	
	(b) Other Expenditures	245,336	271,700	(26,364)	
	(c) Rural Transportation Grants for the Mobility Disadvantaged	182,396	232,000	(49,604)	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-5	Transportation Policy and Research (Cont'd)				
	(d) Jobs Fund				
	Churchill Development	353,892	115,000	238,892	4
	Transportation Development	548,265	630,000	(81,735)	
	Less: Recoverable from Jobs Fund	(902,157)	(745,000)	(157,157)	
	TOTAL 15-5	1,120,039	1,221,200	(101,161)	
15-6	Driver and Vehicle Licencing				
	(a) Management Services				
	Salaries	1,733,094	1,693,700	39,394	
	Other Expenditures	3,471,982	1,534,200	1,937,782	5
	(b) Licencing				
	Salaries	729,004	724,500	4,504	
	Other Expenditures	458,152	498,100	(39,948)	
	(c) Safety				
	Salaries	3,892,076	3,947,300	(55,224)	
	Other Expenditures	1,509,611	1,543,500	(33,889)	
	(d) Highway Traffic Board, Motor Transport Board, Taxicab Board and Licence Suspension Appeal Board				
	Salaries	842,747	837,500	5,247	
	Other Expenditures	180,394	225,200	(44,806)	
	TOTAL 15-6	12,817,060	11,004,000	1,813,060	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-7	Expenditures Related to Capital Assets				
	(a) Construction and Upgrading of Provincial Trunk Highways, Provincial Roads and Related Projects	86,254,536	95,000,000	(8,745,464)	6
	(b) Aid to Cities, Towns and Villages	1,530,792	1,694,000	(163,208)	
	(c) Work in Local Government Districts and Unorganized Territory	3,823,917	4,015,100	(191,183)	
	(d) Access to Remote Communities	606,635	800,000	(193,365)	7
	(e) Acquisition/Construction of Physical Assets				
	Airports Improvements	744,980	317,000	427,980	8
	Gravel Pits	158,702	160,000	(1,298)	
	Highway Equipment	691,298	696,000	(4,702)	
	Water Bomber Equipment	234,664	147,100	87,564	9
	Highway Buildings and Storage Yards	578,598	561,000	17,598	
	Improvements to Weigh Scales	73,882	75,000	(1,118)	
	Ferry Landing Improvements	64,955	65,000	(45)	
	Rural Transportation Grants for the Mobility Disadvantaged	10,000	80,000	(70,000)	10
	Thompson - Air Hangar	22,656	30,000	(7,344)	

TABLE NO. A13

APPRO. NO.	SERVICE	ACTUAL $	1985/86 ESTIMATE $	VARIANCE $	EXPLANATION NUMBER
15-7	Expenditures Related to Capital Assets (Cont'd)				
	(e) Acquisition/Construction of Physical Assets (Cont'd)				
	Ferries	284,320	285,000	(680)	
	Bridge Materials - Purchases	228,301	800,000	(571,699)	11
	Bridge Materials - Issues	(322,307)	(800,000)	477,693	11
	Crushed Gravel - Purchases	2,890,124	3,200,000	(309,876)	
	Crushed Gravel - Issues	(3,201,205)	(3,000,000)	(201,205)	
	Northern Development Agreement Canada - Manitoba				
	Airport Development	1,454,118	740,000	714,118	12
	Norway House Community Roads	313,454	400,000	(86,546)	
	Less: Recoverable from Northern Affairs	(1,767,572)	(1,140,000)	(627,572)	12
	Jobs Fund				
	Churchill Development	3,000,000	3,000,000	--	
	Transportation Development	3,562,801	4,177,000	(614,199)	
	Less: Recoverable from Jobs Fund	(6,562,801)	(7,177,000)	614,199	
	TOTAL 15-7	94,674,848	104,125,200	(9,450,352)	
	NET EXPENDITURES	194,504,856	201,055,200	(6,550,344)	

TABLE NO. A13

EXPENDITURE VARIANCE EXPLANATIONS
ACTUALS VS MAIN ESTIMATES

EXPLANATION NUMBER	EXPLANATION

1. The decrease in gross expenditures and recoveries for Other Jurisdictions in 1985/86 is due to a decrease in requests for services from other government departments as shown by the following:

	1985/86 ACTUAL	1985/86 ESTIMATES	OVER (UNDER) ESTIMATE
Gross Expenditures:			
Other Government Departments	2,515.2	3,665.0	(1,149.8)
Third Parties	2,861.9	2,335.0	526.9
Total:	5,377.1	6,000.0	(622.9)
Recoveries:			
Other Government Departments	(2,515.2)	(3,665.0)	(1,149.8)

2. The decrease in 1985/86 expenditures of $126.7 in Warehouse Stores is mainly due to a deferral of hardware and data communications facilities for APIMS.

3. The decrease of $807.0 in recoveries in 1985/86 for Warehouse Stores is due to purchases being less than originally estimated and the implementation of a computerized inventory control, estimated to produce an operating surplus of $200.0, not proceeding on schedule.

4. Treasury Board authorized the Department to pay the Canadian Wheat Board $247.5 to defray the additional expenses incurred relative to the Churchill Season Extension Demonstration Project.

5. During 1985/86, a new agreement of sharing the costs of vehicle agent commissions and flat fees between the Driver and Vehicle Licencing Division and the Manitoba Public Insurance Corporation was negotiated. As a result, no funding was provided in the 1985/86 estimates. Subsequently, Cabinet authorized the funding level of $2,128.2 for 1985/86.

EXPLANATION NUMBER	EXPLANATION
6.	Several major road construction projects were not completed due to poor weather conditions and delays in acquisition of right-of-way. Also, a contractor's delay in fabrication of the steel for the Selkirk Bridge and the Gillam Road Structure resulted in $2.9 million not being expended in 1985/86. Significant projects that were carried over to the 1986/87 construction program were:

Hwy. No.	Location	Nature of Work	Estimated Cost
44	East of 59 to West of Garson	Grading of Additional Lanes	$2,100.0
		Acquisition of Right-of-Way	900.0
8	P.R. 230 to P.T.H. 67	Concrete Pavement	2,200.0
5	City of Dauphin	Paving Main Street	750.0
	Miscellaneous	Grading Projects	750.0
	Selkirk Bridge	Steel Fabrication	2,000.0
	Gillam Road	Structure	900.0
			$9,600.0

7.	Decrease in expenditures in 1985/86 for Access to Remote Communities was due to a delay in receiving priorized projects from Northern Affairs resulting in several projects not being started in 1985/86.
8.	Cabinet approved a sub-appropriation transfer of $500.0 in 1985/86 from the Construction Program to Airport Improvements to provide funding to supply gravel for Northern Airports.
9.	The increase in expenditures of $87.6 in 1985/86 was due to repair parts for the CL-215 water bomber.
10.	In 1985/86, Communities experienced delays in delivery of handivans, resulting in only one capital grant being processed.
11.	A light bridge program in 1985/86 resulted in lower expenditures and issues for bridge materials.

EXPLANATION NUMBER	EXPLANATION
12.	Increased expenditures and recoveries in 1985/86 under the Northern Development Agreement were incurred by the acceleration of the construction of the Tadoule Lake Airport approved by Cabinet.
13.	Funds drawn by the University of Manitoba in 1985/86 for the construction of the Transportation Institute were less than anticipated.

Table No. C1

HIGHWAY CONSTRUCTION SUMMARY
KILOMETRES OF WORK COMPLETED
VARIOUS APPROPRIATIONS

	Grading	Gravelling	Base Course	Bituminous Pavement	Asphalt Surface Treatment	Seal Coat	Calcium Chloride	Concrete Pavement
Provincial Trunk Highways (Table No. C2)	55.0	23.8	28.2	91.0	1.6	238.7	8.2	6.6
Provincial Roads (Table No. C3)	216.8	214.1	172.9	15.4	114.6	126.1	624.7	-
Northern Roads (Table No. C4)	245.1	206.7	76.6	-	95.0	-	16.4	-
Provincial Highways 15-2A, Contingencies, Special Projects & Stop Gap (Table No. M1)	-	-	-	-	-	-	-	-
	516.9	444.6	277.7	106.4	211.2	364.8	649.3	6.6

HIGHWAY CONSTRUCTION
PROVINCIAL TRUNK HIGHWAYS
APPROPRIATION 15-7A

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
1	8058	West Alexander - East of Oak Lake R.M. of Whitehead & Sifton 22.9 km	Base Course Bituminous Pavement	$ 63,009.48
	8059	Oak Lake Bypass R.M. of Sifton 5.4 km	Right-of-Way	1,046.35
	8060	Oak Lake Bypass R.M. of Sifton 5.2 km	Grade Gravel	568,091.41
	8072	West Jct. P.T.H. No. 1A at Kemnay R.M. of Whitehead, Elton & Cornwallis 13.7 km	Preliminary Engineering	22,376.77
	8073	West Jct. P.T.H. No. 1A - Kemnay - West Jct. P.T.H. No. 10 R.M. of Whitehead, Elton & Cornwallis 13.7 km	Right-of-Way	96,010.08
	8097	Oak Lake - Virden - P.T.H. No. 24 R.M. of Sifton, Woodworth & Wallace 21.0 km	Preliminary Engineering	17,944.85
	8098	East of 1st Street - West of 18th Street R.M. of Elton, Cornwallis & City of Brandon 3.0 km	Right-of-Way	1,143.98
	8111	1.6 km West of P.T.H. No. 11 - P.R. No. 308 L.G.D. of Reynolds 23.8 km	Seal Coat (23.8 km)	128,623.75
	8124	Assiniboine River Bridge on Brandon Bypass R.M. of Whitehead 1.0 km	Bituminous Pavement Bridge Approaches	16,308.29

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
1	8152	P.T.H. No. 16 - 1.6 km East of P.R. No. 350 R.M. of Portage la Prairie & North Norfolk 38.5 km	Seal Coat (38.5 km)	$228,207.02
	8171	Westbound Lanes - 2 km East Jct. P.T.H. No. 26 R.M. of St. Francois Xavier	Replace Concrete Pavement	23,143.92
	8176	P.T.H. No. 100 & P.T.H. No. 1 East	Manufacture & Install Guide Signs	6,220.17
	8187	West Boundary R.M. of North Cypress - N.E. Cor. Section 5-11-15W. R.M. of North Cypress 13.2 km	Bituminous Pavement (13.2 km)	1,407,914.83
	8224	1.9 km East R.M. of Springfield 1.6 km	Preliminary Engineering Curb & Gutter Bituminous Pavement	28,223.52
	8229	Oak Lake By-Pass R.M. of Sifton 5.2 km	Bituminous Pavement (5.2 km)	69,671.37
	8239	P.T.H. No. 100 - Plessis Road Connection R.M. of Springfield 3.7 km	Preliminary Engineering Right-of-Way	3,759.26
	8240	Vicinity of Elkhorn R.M. of Wallace	Payment of Charges - Accident Claim	17,544.00
1 & 75	8237	Various City of Winnipeg	Seal Coat	35,459.95
1 & 430	8134	R.M. of Portage la Prairie	Intersection Improvements	18,463.73
1 & 100	8219	City of Winnipeg	Replace Overhead Sign Structure	4,384.82

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
1A	8050	Saskatchewan Avenue: Fifth Street East - Fourth Street West City of Portage la Prairie 1.1 km	Excavate Base Course Bituminous Pavement	238,047.69
	8204	Saskatchewan Avenue: 18th Street West - C.P.R. Crossing City of Portage la Prairie 1.5 km	Preliminary Engineering	$ 34,142.92
2	8086	P.R. No. 244 - West Boundary R.M. of South Norfolk 17.4 km	Right-of-Way	13,982.66
3	8128	P.T.H. No. 10 - P.T.H. No. 21 R.M. of Morton & Winchester 35.0 km	Seal Coat	257,530.93
	8215	P.R. No. 621 (Whitewater) - South Jct. P.T.H. No. 21 R.M. of Winchester 16.9 km	Preliminary Engineering	29,009.44
	8243	Morden - La Riviere R.M. of Stanley & Pembina 57 km	Seal Coat	376,537.07
3 & 14	8213	East of P.T.H. No. 32 - West Limit Morden R.M. of Stanley 15.3 km	Preliminary Engineering	3,409.29
5	8039	Whitmore Avenue Southerly Town of Dauphin 1.8 km	Preliminary Engineering	606.84
	8042	P.R. No. 584 - West of Grandview R.M. of Grandview & Hillsburg 21.7 km	Grade Widening Shoulder Gravel	851,008.45
	8044	Dauphin By-Pass R.M. of Dauphin 6.0 km	Grade Gravel	34,583.79

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
5	8045	S. & N. Jct. P.T.H. No. 10, Dauphin By-Pass R.M. of Dauphin 7.3 km	Base Course (7.3 km) Bituminous Pavement (7.3 km)	1,509,592.82
	8047	S. Jct. P.T.H. No. 10 - S. Limit of Dauphin R.M. of Dauphin 3.4 km	Right-of-Way	4,782.52
	8082	S. Jct. P.T.H. No. 10 - S. Jct. Dauphin By-Pass R.M. of Dauphiin 3.4 km	Grade (3.4 km) & Bituminous Pavement (3.4 km)	548,136.75
	8112	N. Boundary R.M. of North Cypress - 1 mile south of S. Jct. P.R. No. 353 10.9 km	Base Course (10.9 km) Bituminous Pavement (10.9 km)	1,349,740.11
	8125	East of First Street - West of 18th Street R.M. of Elton, Cornwallis & City of Brandon 3.0 km	Preliminary Engineering	12,311.31
	8129	P.R. No. 265 - North District Boundary R.M. of Rosedale	Seal Coat	174,229.55
	8148	P.T.H. No. 5 - South District Boundary R.M. of McCreary 6.6 km	Seal Coat (6.6 km)	41,796.41
	8149	West of Grandview - P.R. No. 584 R.M. of Grandview & Hillsburg 20.8 km	Right-of-Way	9,784.63
5 & 10	8043	Dauphin By-Pass R.M. of Dauphin 6.0 km	Right-of-Way	679.45
5 & 20A	8083	Along Main Street in Dauphin, 4th Avenue South - 5th Avenue North R.M. of Dauphin & Town of Dauphin 0.9 km	Excavate Base Course (0.9 km) Bituminous Pavement (0.9 km)	526,702.59

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
6	8046	Vicinity of Devils Lake Unorganized Territory 32.5 km	Grade (9.8 km) Gravel (9.8 km)	928,333.81
	8230	P.R. No. 513 - 32 km North Unorganized Territory 32 km	Seal Coat (32 km)	35,311.94
	8235	P.T.H. No. 67 Northerly - North Boundary R.M. of Woodlands R.M. of Woodlands 32.6 km	Seal Coat (32.6 km)	$ 50,737.64
7	8051	P.R. No. 517 - P.R. No. 228 R.M. of Rockwood & Villages of Teulon & Gunton 16.6 km	Bituminous Pavement (16.6 km)	836,915.04
	8052	P.T.H. No. 17 - P.R. No. 229 R.M. of Rockwood 15.8 km	Grade (7.4 km) Gravel (7.4 km)	336,180.66
	8061	P.R. No. 229 - North Jct. P.R. No. 231 L.G.D. of Armstrong 18 km	Preliminary Engineering	17,810.79
	8062	North Jct. P.R. No. 231 - South of P.R. No. 324 L.G.D. of Armstrong 13.7 km	Preliminary Engineering	1,326.88
	8137	P.R. No. 228 - P.R. No. 229 R.M. of Rockwood 14.2 km	Right-of-Way	170,175.72
	8138	P.R. No. 517 - P.R. No. 228 R.M. of Rockwood 15.3 km	Grade Widening Shoulder Gravel	5,189.32
	8140	Netley Creek - East of 28-17-2E. R.M. of Rockwood	Detour & Offtake Drainage	4,707.27
	8183	P.R. No. 229 - North Jct. P.R. No. 231 L.G.D. of Armstrong 11.2 km	Right-of-Way	144,113.29

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
7	8207	South of P.R. No. 324 - P.T.H. No. 68 R.M. of Bifrost & L.G.D. of Armstrong 12.7 km	Preliminary Engineering	6,150.42
7 & 101	8174	R.M. of Rosser	Manufacture & Install Guide Signs	748.60
8	8063	P.R. No. 324 - South Jct. P.T.H. No. 68 R.M. of Bifrost and Gimli 21.2 km	Preliminary Engineering	$ 518.40
	8064	P.R. No. 229 - P.R. No. 324 R.M. of Gimli 23 km	Preliminary Engineering	4,622.28
	8068	P.R. No. 515 - P.R. No. 229 R.M. of St. Andrews 30.7 km	Preliminary Engineering	11,836.46
	8105	North of P.R. No. 230 - P.R. No. 513 R.M. of St. Andrews 17.1 km	Preliminary Engineering	31,522.09
	8166	P.T.H. No. 67 Southerly R.M. of St. Andrews 6.6 km	Concrete Pavement (6.6 km)	1,144,869.52
	8184	P.R. No. 229 - P.R. No. 324 R.M. of Gimli 23 km	Right-of-Way	2,928.78
	8186	South Grassmere Drain - North of Parks Creek R.M. of West St. Paul & St. Andrews 6.9 km	Bituminous Pavement (6.9 km)	566,523.86
	8212	P.T.H. No. 27 - P.R. No. 230 R.M. of St. Andrews	Right-of-Way	47,501.37
8 & 101	8201	R.M. of West St. Paul	Manufacture & Install Guide Signs	14,405.12
9	8065	South Limit Winnipeg Beach - P.R. No. 231 R.M. of Gimli 10.0 km	Preliminary Engineering	9,870.75

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
9	8133	Kernstead Road - North Jct. P.T.H. No. 9A R.M. of St. Andrews 38.1 km	Seal Coat (38.1 km)	308,415.46
	8160	P.T.H. No. 9 at 2nd Street Gimli, Town of Gimli	Install Pedestrian Corridor	15,567.72
	8182	South Limit Winnipeg Beach P.R. No. 231, R.M. of Gimli 16.1 km	Right-of-Way	345.60
	8193	RL's 65 & 66 Parish of St. Andrews R.M. of St. Andrews 10.7 km	Right-of-Way	$ 36,622.54
10	8033	Bell River - P.R. No. 277 L.G.D. of Mountain 17.7 km	Grade Widening	371,048.98
	8040	U.S. Border - Boissevain R.M. of Morton 25.3 km	Base Course Bituminous	21,328.97
	8078	18th St. - Victoria Ave. to Pacific Avenue City of Brandon 0.8 km	Grade (0.8 km) Base Course (0.8 km) Bituminous 0.8 km	623,384.60
	8079	Town of Boissevain 2.1 km	Excavate Base Course 1.1 km Bituminous Pavement 1.1 km	900,919.19
	8084	N. Boundary Riding Mountain National Park - South Jct. P.T.H. No. 5 R.M. of Dauphin 6.6 km	Bituminous Recap Shoulder Gravel	473,156.06
	8091	Red Deer River - Overflowing River R.M. of Swan River & Unorganized Territory 35.9 km	Preliminary Engineering	13,394.02
	8093	South of Mafeking - Red Deer River L.G.D. of Mountain & Unorganized Territory 27.8 km	Preliminary Engineering	2,022.24

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
10	8094	South of Mafeking - Red Deer River L.G.D. of Mountain & Unorganized Territory 27.8 km	Right-of-Way	500.00
	8130	P.R. No. 357 - Riding Mountain National Park R.M. of Clanwilliam, Harrison & L.G.D. of Park	Seal Coat	150,005.14
	8153	Pacific Avenue Loop City of Brandon 0.7 km	Right-of-Way	3,264.65
	8158	C.P.R. Overpass - Assiniboine River City of Brandon 0.8 km	Preliminary Engineering	$ 1,149.12
	8159	Pacific Avenue Loop City of Brandon 0.7 km	Preliminary Engineering	5,811.03
	8197	18th St. & Brandon Avenue City of Brandon	Install Traffic Signals	21,368.77
	8231	Minnedosa - Newdale Area R.M. of Clanwilliam & Minto 22.3 km	Seal Coat (22.3 km)	41,734.66
10 & 266	8233	P.R. No. 266 - P.R. No. 587 & P.T.H. No. 10A-Bowsman R. R.M. of Swan River	Seal Coat	47,582.93
10A	8118	Swan River 2nd St. - North Jct. P.T.H. No. 10 Town of Swan River & R.M. of Swan River 3.9 km	Preliminary Engineering	18,555.40
11	8070	McArthur Falls - Pine Falls L.G.D. of Alexander 29.3 km	Preliminary Engineering	8,306.13
	8071	McArthur Falls - Great Falls L.G.D. of Alexander 7.2 km	Right-of-Way	1,780.00

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
12	8036	Vicinity of Ste. Anne R.M. of Ste. Anne, Tache & The Village of Ste. Anne 7.1 km	Concrete Pavement Bituminous Pavement	30,631.49
	8076	P.R. No. 402 - West of Piney L.G.D. of Stuartburn & L.G.D. of Piney 18.7 km	Bituminous Pavement	2,030,862.02
	8110	South Boundary R.M. of Springfield - P.T.H. No. 5 R.M. of Springfield 9.7 km	Preliminary Engineering	20,703.47
	8234	East Jct. P.T.H. No. 44 - P.R. No. 317 R.M. of Brokenhead 21.2 km	Seal Coat	44,724.78
13 331 & 611	8151	T.C.H. South, P.R. No. 331 & Oakville Access R.M. of Portage la Prairie 16.2 km	Seal Coat (16.2 km)	$ 151,732.20
14	8126	P.T.H. No. 75-P.T.H. No. 30 R.M. of Montcalm & Rhineland 17 km	Seal Coat Bituminous Repair	135,648.16
	8190	P.T.H. No. 30-P.T.H. No. 75 R.M. of Rhineland & Montcalm 16.1 km	Preliminary Engineering	4,490.21
15	8214	L.G.D. of Reynolds	General Engineering	117,510.31
16	8056	2.3 km - West of Neepawa 500 m West of P.R. No. 466 R.M. of Langford & Odanah 11.2 km	Grade (7.2 km) Base Course (7.2 km)	1,068,163.88
	8141	Northwest of Macdonald R.M. of Portage la Prairie & Westbourne 14.0 km	Sand Asphalt Base Bituminous Pavement	2,700.47
	8142	East of P.T.H. No. 34 - Whitemud River R.M. of Westbourne 3.4 km	Right-of-Way	856.60

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
16	8144	Whitemud R. - P.R. No. 352 R.M. of Westbourne & Lansdowne 19.6 km	Preliminary Engineering	7,473.05
	8232	Minnedosa - Newdale Area R.M. of Odanah 2.0 km	Seal Coat	3,150.37
16 & 607	8069	Newdale Access R.M. of Harrison	Preliminary Engineering	6,189.55
17	8226	P.R. No. 229 R.M. of Rockwood & Village of Komarno 16.3 km	Bituminous Pavement	3,004.60
	8236	Vicinity of Teulon R.M. of Rockwood	Automatic Railway Crossing Protecter	5,185.03
18	8131	North Jct. P.T.H. No. 3 - East Jct. P.T.H. No. 23 R.M. of Turtle Mountain & Riverside 28.6 km	Seal Coat (28.6 km)	$171,351.12
19	8195	P.T.H. No. 5 - Riding Mountain National Park Boundary R.M. of McCreary 4.5 km	Calcium Chloride (4.5 km)	7,859.92
20	8085	P.T.H. No. 5 - Dauphin Beach R.M. of Ochre River 12.4 km	Right-of-Way	9,901.59
	8203	Thru Community of Camperville, R.M. of Swan River & Unorganized Territory 1.6 km	Shoulder Stabilization A.S.T. (1.6 km)	9,006.97
23	8080	P.T.H. No. 18 - East R.M. of Strathcona 2.4 km	Preliminary Engineering	18,537.45
	8178	North 34-4-4E. - Rat River Bridge R.M. of De Salaberry	Construct & Remove Detour	19,767.22

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
25	8225	Graham Creek North 6-5-4W. R.M. of Roland	Detour & Approaches	8,229.75
26	8089	East of P.T.H. No. 1A - East Jct. P.R. No. 430 R.M. of Portage la Prairie 18.5 km	Preliminary Engineering	7,236.60
	8090	West Jct. P.R. No. 248 - East Jct. P.T.H. No. 1 R.M. of St. Francois Xavier 24.16 km	Preliminary Engineering	739.55
	8146	P.T.H. No. 26 River Lots 213 - 217 Parish of Baie St. Paul R.M. of St. Francois Xavier	River Bank Stabilization	1,002.02
41	8104	P.R. No. 545 - Assiniboine River R.M. of Ellice 4.8 km	Right-of-Way	8,811.27
41	8170	P.R. No. 545 - Assiniboine River R.M. of Ellice 3.7 km	Calcium Chloride (3.7 km)	$ 6,425.25
42	8117	Birtle Main Street Town of Birtle 0.9 km	Base Course Bituminous Pavement	496,827.53
44	8109	West Hawk Lake - P.R. No. 307 Whiteshell Provincial Park 50.2 km	Preliminary Engineering	500.00
	8123	East of P.T.H. No. 59 - West of Garson R.M. of St. Clements & Brokenhead 25.9 km	Right-of-Way	24,173.54
	8127	East of P.T.H. No. 59 - East of P.R. No. 601 R.M. of St. Clements & Brokenhead 25.9 km	Preliminary Engineering	17,308.79

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
44	8168	East of P.T.H. No. 59 - West of Garson R.M. of St. Clements 10.5 km	Grade (10.5 km)	86,735.60
	8199	P.T.H. No. 9 - P.R. No. 204 R.M. of St. Clements	Manufacture & Install Guide Signs	1,343.24
50	8088	P.T.H. No. 16 - Langruth R.M. of Lakeview & Westbourne 25.6 km	Grade (6.6 km) Gravel (6.6 km)	785,066.88
	8143	P.R. No. 265 North - North Boundary R.M. of Lakeview 13.6 km	Right-of-Way	33,024.05
	8165	P.T.H. No. 16 - Langruth R.M. of Westbourne & Lakeview 25.4 km	Right-of-Way Utilities	7,631.14
52	8087	East Boundary R.M. of Hanover - West Limit Town of Steinbach 4.8 km	Preliminary Engineering	$ 20,177.99
59	8055	South of P.R. No. 508 - Brokenhead I.R. R.M. of St. Clements 20.6 km	Bituminous Pavement	276,131.73
	8057	Cooks Creek Bridge R.M. of St. Clements	Bridge Detour	14,296.25
	8173	R.M. of St. Clements	Manufacture Guide Signs	36,389.96
	8177	P.T.H. No. 101 & P.T.H. No. 59 City of Winnipeg	Manufacture & Install Guide Signs	9,319.69
59 & 101	8163	R.M. of East St. Paul, West St. Paul & St. Clements	Calcium Chloride	19,734.76
67	8121	P.T.H. No. 9 - P.R. No. 230 R.M. of St. Andrews 2.4 km	Preliminary Engineering	3,627.20

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
67	8132	District Boundary - P.R. No. 260 R.M. of St. Andrews 11.0 km	Seal Coat	4,194.75
	8145	P.T.H. No. 7 - South Jct. P.R. No. 236 R.M. of Rockwood & Town of Stonewall 6.4 km	Preliminary Engineering	3,132.93
75	8035	P.R. No. 429 - South of Ste. Agathe R.M. of Ritchot 14.8 km	Grade Gravel	594,865.83
	8037	Morris - P.R. No. 305 R.M. of Morris & Ritchot 27.4 km	Preliminary Engineering	50,975.48
	8038	P.R. No. 429 - South of P.R. No. 305 R.M. of Ritchot 16.9 km	Right-of-Way	31,642.27
75	8048	South Limit of Winnipeg - P.R. No. 429 R.M. of Ritchot 8.1 km	Base Course Concrete Pavement	$ 733,349.16
	8077	P.R. No. 429 Southerly R.M. of Ritchot 8.7 km	Concrete Pavement	3,158,401.84
	8209	South Boundary City of Winnipeg - P.R. No. 429 R.M. of Ritchot 7.7 km	Preliminary Engineering Right-of-Way Utilities	29,112.61
	8220	At Red River Crossing in Emerson Town of Emerson	Preliminary Engineering	38,553.00
83	8034	South of Kenville - 2nd Street South R.M. of Swan River 18.7 km	Grade Widening Shoulder Repair	35,842.51
	8041	West Jct. P.R. No. 251 - South Jct. P.T.H. No. 3 R.M. of Arthur 10.0 km	Grade Widening Shoulder Gravel	111,757.91

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
83	8096	Boundary R.M. of Miniota - P.T.H. No. 24 9.3 km	Preliminary Engineering	26,057.49
	8181	U.S. Border - North Jct. P.R. No. 251 R.M. of Miniota 9.3 km	Grade (9.3 km)	656,703.96
	8192	Scarth - Southerly R.M. of Pipestone 10.7 km	Bituminous Pavement (10.7 km)	832,684.10
100	8114	St. Mary's Road City of Winnipeg	Illumination Modifications	4,432.00
	8179	Interchange at P.T.H. No. 59 South & P.R. No. 241 City of Winnipeg	Landscape Development	18,973.40
	8221	Wilkes Avenue - Roblin Blvd. City of Winnipeg 3.2 km	Preliminary Engineering Median Barrier Curb & Gutter Bituminous Pavement	27,914.54
	8222	Interchange at P.T.H. No. 1W. & P.T.H. No. 75 City of Winnipeg	Landscape Design & Development	$ 30,826.46
	8228	Waverley Street & Perimeter Highway City of Winnipeg	Right-of-Way	2,013.28
	8245	Intersection of St. Mary's Road City of Winnipeg	Land Acquisition	270,353.61
100 & 101	8189	Vicinity of Oak Bluff & Saskatchewan Avenue City of Winnipeg & R.M. of Macdonald 14.6 km	Bituminous Pavement	17,489.85
100 2 & 3	8223	Waverley St. & Thru Oak Bluff R.M. of Macdonald City of Winnipeg 12.4 km	Preliminary Engineering Curb & Gutter Bituminous Pavement (12.4 km)	53,668.07

Table No. C2

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
101	8067	P.T.H. No. 9 - P.T.H. No. 59 R.M. of East St. Paul & West St. Paul 4.1 km	Median Barrier Bituminous Pavement (1.6 km)	3,654,528.18
	8115	P.T.H. No. 9 - P.T.H. No. 59 R.M. of East St. Paul & West St. Paul	Conversion Illumination	200,000.00
	8175	Interchanges of P.T.H. No. 101 & P.T.H. No. 9 & P.T.H. No. 101 & P.R. No. 204 R.M. of East St. Paul & West St. Paul	Manufacture & Install Guide Signs	15,750.36
700	8100	Brandon - East Access R.M. of Cornwallis & City of Brandon	Preliminary Engineering	72,125.80
	8211	Brandon East Access R.M. of Cornwallis & City of Brandon	Preliminary Engineering	34,733.98
Miscellaneous				
	8000	Various Highways	Right-of-Way	94,498.35
	8001	District 1	Engineering Expenses	44,843.06
	8002	District 2	Engineering Expenses	69,639.52
	8003	District 3	Engineering Expenses	17,926.67
	8004	District 4	Engineering Expenses	7,307.72
	8005	District 5	Engineering Expenses	10,436.39
	8006	District 6	Engineering Expenses	976.78
	8007	District 7	Engineering Expenses	29,750.02
	8008	District 8	Engineering Expenses	20,464.05
	8009	District 9	Engineering Expenses	13,618.22
	8010	District 10	Engineering Expenses	7,508.22
	8011	District 11	Engineering Expenses	8,702.73

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
Miscellaneous				
	8012	District 12	Engineering Expenses	28,123.96
	8013	Materials Division	Engineering Expenses	294,128.15
	8017	Various Highways	Expenses for Right-of-Way	585,310.00
	8018	Various Highways	Engineering Audit Survey	71,799.06
	8020	Various	Advertising Highway Projects	54,148.92
	8021	District 1	Surplus Culverts	(1,780.59)
	8022	District 2	Surplus Culverts	6,345.74
	8023	District 3	Surplus Culverts	(4,093.94)
	8025	District 5	Surplus Culverts	$ 2,303.62
	8026	District 6	Surplus Culverts	3,453.15
	8027	District 7	Surplus Culverts	(5,335.78)
	8028	District 8	Surplus Culverts	1,578.07
	8029	District 9	Surplus Culverts	(10,968.09)
	8030	District 10	Surplus Culverts	98,768.15
	8031	District 11	Surplus Culverts	(1,992.97)
	8032	District 12	Surplus Culverts	(6,105.86)
	8074	Vicinity of Selkirk R.M. of St. Andrews, St. Clements & West St. Paul	Corridor Study	71,093.41
	8075	New Red River Crossing R.M. of St. Andrews & St. Clements	Right-of-Way	350,359.05
	8102	Various	Hazard Removal	97,507.35
	8106	Various Training Centres	Training Expenses Construction	51,678.04

Highway No.	Work Order	Location of Project	Nature of Work (km completed)	Expenditure
Miscellaneous				
	8116	Various	Flashers Rumble Strips Delineation	2,913.95
	8164	Various	Pedestrian Corridor	93,881.42
	8180	City of Winnipeg	Engineering	24,965.69
	8191	Vicinity of Birds Hill Park R.M. of East St. Paul, West St. Paul & St. Clements	Miscellaneous Construction Papal Visit	30,404.97
	8194	District 9 R.M. of Swan River & Minitonas, L.G.D. of Mountain & Park Unorganized Territory	Install Permanent Passing Restriction Markers	6,411.92
	8196	Various	Illumination	40,626.28
	8238	Various	Manual of Uniform for Traffic Control Devices	$ 2,400.00
	8241	Computer Services	Roadway Design	10,500.00
	8242	Computer Services	Use of Computer Software for Computer Program	69,500.00
		Various Work Orders - Incidental Amounts		328.95
		Bridge Projects (for details see Table No. B1)		2,215,905.89
			*453.1	$37,166,822.85

* Bituminous Pavement	91.0
Calcium Chloride	8.2
Base Course	28.2
Grading	55.0
Gravelling	23.8
Concrete Pavement	6.6
Asphalt Surface Treatment	1.6
Seal Coat	238.7
	453.1

HIGHWAY CONSTRUCTION
PROVINCIAL ROADS
APPROPRIATION 15-7A

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
200	7030	North of Roseau River - South Jct. P.R. No. 217 R.M of Franklin 11.1 km	Right-of-Way	$163,801.94
	7207	Roseau River Bridge - South Jct. P.R. No. 217 R.M. of Franklin 11.7 km	Grade (11.7 km) Gravel (11.7 km)	564,078.94
	7289	P.T.H. No. 23 - North Jct. P.R. No. 205 R.M. of De Salaberry 12.0 km	Preliminary Engineering	25,275.07
200 & 246	7019	P.R. No. 205 - P.R. No. 305 R.M. of Morris & Ritchot 13.2 km	Right-of-Way	82,795.00
201	6979	P.R. No. 432 - P.T.H. No. 31 R.M. of Stanley & Pembina 16.1 km	Preliminary Engineering	57,653.36
	6992	P.T.H. No. 32 - Gnadenthal R.M. of Stanley & Rhineland 9.9 km	Grade Gravel	10,056.76
	7091	P.T.H. No. 75 - West of P.R. No. 246 R.M. of Montcalm 7.9 km	Base Course (7.9 km) A.S.T. (7.9 km)	840,491.02
	7248	P.T.H. No. 30 - N.E. Corner Section 17-2-1E. R.M. of Montcalm & Rhineland 9.7 km	Calcium Chloride (9.7 km)	26,561.27
	7319	N.E. Corner of Section 4 & 6-2-2W. R.M. of Rhineland	Detour & Approaches	2,978.70
205	6925	West of St. Pierre - P.R. No. 200 R.M. of De Salaberry 10.7 km	Grade Gravel	144,447.03

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
205	7024	West of P.T.H. No. 59 - S. Jct. P.R. No. 200 & N. Jct. P.R. No. 200 - P.R. No. 246 R.M. of De Salaberry & Morris 16.5 km	Right-of-Way	$ 4,653.20
206	7023	East Jct. P.R. No. 207 - P.T.H. No. 1 R.M. of Tache 4.9 km	Right-of-Way	25,456.85
	7253	P.R. No. 207 - P.T.H. No. 1 R.M. of Tache 4.9 km	Grade (4.9 km) Gravel (4.9 km)	240,481.23
209	7073	P.R. No. 201 - Gardenton L.G.D. of Stuartburn 8.0 km	Calcium Chloride (8.0 km)	12,641.97
	7300	Ridgeville - South Jct. P.R. No. 200 R.M. of Franklin 12.9 km	Right-of-Way	1,088.16
210	7017	P.T.H. No. 12 - P.R. No. 206 R.M. of Ste. Anne & Tache 12.1 km	Right-of-Way	1,705.00
	7288	Woodridge - South Jct. P.T.H. No. 12 L.G.D. of Piney 14.0 km	Preliminary Engineering	33,493.85
211	6987	P.T.H. No. 11 - Pinawa R.M. of Lac du Bonnet & L.G.D. of Pinawa 14.0 km	Right-of-Way	4,993.68
212	7208	P.T.H. No. 44 & P.T.H. No. 59 R.M. of St. Clements 8.4 km	Grade (8.4 km) Gravel (8.4 km)	6,705.97
212 & 213	7118	P.R. No. 206 - Cooks Creek R.M. of Springfield 8.2 km	Base Course (8.2 km)	440,387.06

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
213	6986	P.R. No. 212 - P.T.H. No. 12 R.M. of Springfield 9.9 km	Right-of-Way	$ 28,469.11
	7119	P.R. No. 212 - P.T.H. No. 12 R.M. of Springfield 9.8 km	Grade (9.8 km) Gravel (9.8 km)	98,042.42
215	7063	Town of Beausejour 1.6 km	Preliminary Engineering	1,875.68
216	7139	Through New Bothwell R.M. of Hanover 1.1 km	Excavate Granular Fill Base Course (1.1 km) A.S.T. (1.1 km)	287,370.90
217 & 218	7028	Arnaud - St. Malo R.M. of Franklin & De Salaberry 19.9 km	Preliminary Engineering	7,114.77
220	6944	P.T.H. No. 9 - P.T.H. No. 8 R.M. of West St. Paul 2.9 km	Grade (2.9 km) Bituminous Pavement (2.9 km)	81,105.16
221	7180	P.R. No. 112 - P.R. No. 248 R.M. of Rosser 10.3 km	Right-of-Way	10,663.68
221 & 605	7200	Sturgeon Road R.M. of Rosser 1.2 km	Intersection & Alignment Improvements	74,085.87
222	6962	Gimli - Camp Morton R.M. of Gimli 8.4 km	Preliminary Engineering	4,924.56
	6974	Arnes - Hnausa R.M. of Gimli & Bifrost 11.3 km	Base Course (8.0 km) A.S.T. (8.0 km)	402,829.93
224	6963	P.R. No. 325 - Vicinity of Dallas, L.G.D. of Fisher & Unorganized Territory 23.9 km	Preliminary Engineering	33,556.81

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
224	7103	P.R. No. 325 - Dallas Peguis Indian Reserve 24.5 km	Base Course (24.5 km) A.S.T. (24.5 km)	$889,897.35
	7204	P.R. No. 325 - Snake Creek Bridge Peguis Indian Reserve No. 18 11.3 km	Calcium Chloride (11.3 km)	18,056.13
226	7262	P.T.H. No. 68 - P.R. No. 329 R.M. of Bifrost 0.9 km	Abandonment Grant	1,800.00
226 & 233	6964	P.R. No. 329 - N.E. 9-24-1E. R.M. of Bifrost 9.1 km	Preliminary Engineering	13,189.50
	7227	P.R. No. 329 - N.E. 9-24-1E. R.M. of Bifrost 14.7 km	Right-of-Way	10,448.37
227	7049	P.T.H. No. 6 - P.R. No. 248 R.M. of Woodlands 12.6 km	Grade (12.6 km) Gravel (12.6 km)	594,804.91
	7218	P.R. No. 248 - P.R. No. 430 R.M. of Woodlands 19.3 km	Calcium Chloride (19.3 km) Lignosulfonate Treatment	40,574.84
227 & 248	7050	P.T.H. No. 6 - P.T.H. No. 26 R.M. of St. Francois Xavier, Rosser & Woodlands 24.5 km	Base Course A.S.T.	148,185.03
229	6991	P.T.H. No. 8 - P.T.H. No. 9 R.M. of St. Andrews, Gimli & Town of Winnipeg Beach 3.3 km	Grade Base Course	72,306.92
	7183	P.T.H. No. 8 - P.T.H. No. 9 R.M. of St. Andrews & Town of Winnipeg Beach 3.2 km	Base Course (3.2 km) Bituminous Pavement (3.2 km)	578,480.95
	7242	P.T.H. No. 6 - P.R. No. 518 R.M. of Coldwell 22.5 km	Calcium Chloride (22.5 km)	12,701.26

Table No. 03

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
231	7245	P.T.H. No. 7 - P.T.H. No. 17 L.G.D. of Armstrong 21.7 km	Calcium Chloride (13.6 km)	$ 13,145.53
233	7241	Park Gate - Gull Harbour Unorganized Territory & Hecla Provincial Park 22.5 km	Calcium Chloride (22.5 km)	43,130.83
	7269	N.E. Corner Section 7-24-2E. - P.R. No. 326 R.M. of Bifrost 6.6 km	Preliminary Engineering	4,248.86
	7268	Thru Hecla Provincial Park - Gull Harbour Unorganized Territory 28.2 km	Preliminary Engineering	71,622.44
233 & 326	6965	P.R. No. 329 Northerly R.M. of Bifrost 8.1 km	Preliminary Engineering	2,294.96
234	6936	P.R. No. 325 - Beaver Creek R.M. of Bifrost & Unorganized Territory 23.3 km	Grade Gravel	47,609.48
	6966	Beaver Creek - Calders Dock Unorganized Territory 25.8 km	Preliminary Engineering	11,457.04
	7190	South Jct. P.R. No. 233 - P.R. No. 325 R.M. of Bifrost 15.4 km	Grade Gravel	99,392.55
	7235	P.R. No. 325 - Beaver Creek R.M. of Bifrost & Unorganized Territory 23.3 km	Calcium Chloride (23.3 km)	9,238.92
	7280	Calders Dock - Island View Unorganized Territory 27.4 km	Preliminary Engineering	39,476.89
235	6994	Lake Manitoba Narrows - P.R. No. 278 L.G.D. of Alonsa 21.0 km	Preliminary Engineering	32,506.29

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
235	7320	Lake Manitoba Narrows Causeway, R.M. of Siglunes	Rip Rap	$ 28,307.95
236	7220	P.T.H. No. 67 - P.R. No. 517 R.M. of Rockwood 12.9 km	Calcium Chloride (12.9 km) Limestone Treatment	28,734.66
238	7177	South Jct. P.T.H. No. 9 - Stevens Avenue in Lockport R.M. of St. Andrews 3.3 km	Riverbank Stabilization	534,386.05
	7182	South Jct. P.T.H. No. 9 - Stevens Avenue in Lockport R.M. of St. Andrews 100.0 km	Calcium Chloride (100.0 km)	41,252.20
	7270	South Jct. P.T.H. No. 9 - Stevens Ave. in Lockport R.M. of St. Andrews 10.0 km	Emergency River Bank Repairs	1,651.23
239	6937	P.T.H. No. 6 - Steep Rock L.G.D. of Grahamdale 20.2 km	Base Course (9.5 km) A.S.T. (9.5 km)	232,497.33
240	7121	P.R. No. 240 & P.R. No. 331 Southerly R.M. of Portage la Prairie & Grey 21.1 km	Right-of-Way	399.04
	7122	T.C.H. South - P.R. No. 331 R.M. of Portage la Prairie 3.4 km	Preliminary Engineering	3,758.73
	7175	P.T.H. No. 23 - East Jct. P.R. No. 245 R.M. of Thompson & Dufferin 15.0 km	Right-of-Way	29,019.88
	7277	P.T.H. No. 2 - N.E. Corner Section 28-9-7W. R.M. of Grey 12.9	Right-of-Way	75,850.10
241	7124	E. Boundary R.M. of Cartier - P.T.H. No. 1 12.9 km	Preliminary Engineering	6,265.47

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
241	7221	T.C.H. - P.R. No. 424 R.M. of Cartier 4.8 km	Calcium Chloride (4.8 km)	$ 12,420.72
242	6945	East Jct. P.T.H. No. 2 - North of P.R. No. 244 R.M. of South Norfolk 11.0 km	Grade Gravel	30,949.01
	7125	P.T.H. No. 16 Northerly R.M of Portage la Prairie 3.4 km	Right-of-Way	3,113.82
	7214	P.T.H. No. 16 - Lynch's Point R.M. of Westboune & Portage la Prairie 16.7 km	Calcium Chloride (16.7 km)	33,915.53
	7294	Somerset - East Jct. P.R. No. 245 R.M. of Lorne 12.9 km	Preliminary Engineering Right-of-Way	9,689.92
	7297	P.T.H. No. 2 - North R.M. of South Norfolk 10.9 km	Gravel (10.9 km) Calcium Chloride (10.9 km)	100,591.65
245	7264	West Jct. P.R. No. 242 - N.E. Corner Sec. 31-6-10W. R.M. of Lorne & South Norfolk 8.4 km	Right-of-Way	9,784.88
246	7029	P.R. No. 205 - P.T.H. No. 23 R.M. of Morris & Montcalm 13.1 km	Right-of-Way	35,537.89
	7252	Village of St. Joseph R.M. of Montcalm 0.5 km	Base Course (0.5 km) A.S.T. (0.5 km)	94,879.73
247	7256	La Salle River - West of La Salle R.M. of Macdonald	Right-of-Way	21,413.51
	7286	P.T.H. No. 75 - P.R. No. 330 at La Salle R.M. of Macdonald 10.0 km	Right-of-Way	14,518.82

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
247	7290	P.R. No. 247 - La Salle R. R.M. of Macdonald 0.62 km	Grade Gravel	$ 26,139.03
248	6946	South of P.R. No. 305 - East Section 16-7-3W. R.M. of Dufferin	Detour & Bridge Approaches	8,874.31
	6949	P.T.H. No. 26 - P.R. No. 227 R.M of Woodlands & St. Francois Xavier 12.0 km	Grade Widening Shoulder Gravel	103,282.22
	7149	P.T.H. No. 26 - T.C.H. R.M. of Cartier & St. Francois Xavier 12.1 km	Preliminary Engineering	28,658.35
250	6959	P.T.H. No. 1 Northerly R.M. of Whitehead & Daly 9.0 km	Grade Gravel	34,431.07
	6978	P.T.H. No. 16 - P.T.H. No. 45 R.M. of Harrison 19.7 km	Right-of-Way	8,059.75
	7077	East Jct. P.T.H. No. 16 - P.T.H. No. 45 R.M. of Harrison 19.7 km	Preliminary Engineering	8,325.21
	7085	Rivers North R.M. of Daly, Blanshard & Town of Rivers 12.1 km	Bituminous Pavement	1,403.73
	7095	P.R. No. 349 - East Jct. P.T.H. No. 1 R.M. of Whitehead 11.4 km	Grade (11.4 km)	367,944.90
	7120	P.R. No. 349 - East Jct. P.T.H. No. 1 R.M. of Whitehead 11.4 km	Right-of-Way	41,053.06
	7312	Minnedosa - Newdale Area R.M. of Harrison & Saskatchewan 10.9 km	Seal Coat (10.9 km)	23,402.48

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
252	7055	P.R. No. 255 - P.T.H. No. 1 R.M. of Pipestone & Wallace 22.2 km	Preliminary Engineering	$ 15,959.83
	7263	P.R. No. 445 - West Jct. P.R. No. 345 R.M of Edward & Arthur 15.2 km	Spot Grade Improvements	93,404.39
254	6927	P.R. No. 447 - P.R. No. 345 R.M. of Brenda & Cameron 8.1 km	Spot Grade Improvements	28,542.55
	6956	Rossburn South R.M. of Rossburn 8.7 km	Base Course (6.7 km) A.S.T. (6.7 km)	231,221.22
	6983	P.T.H. No. 83 East R.M. of Russell, Silver Creek, Shellmouth & Boulton 10.6 km	Grade (10.6 km) Gravel (10.6 km)	334,438.94
	7056	P.T.H. No. 1 - Oak Lk. Beach R.M. of Sifton 9.6 km	Preliminary Engineering	11,050.08
	7059	Plum Creek North R.M. of Sifton 3.0 km	Grade Drainage	11,594.12
	7089	P.T.H. No. 1 - N. of Assiniboine River R.M. of Sifton 2.9 km	Right-of-Way	4,923.24
	7159	P.T.H. No. 83 - South Jct. P.R. No. 478 R.M. of Shellmouth, Boulton, Russell & Silver Creek 10.7 km	Right-of-Way	62,599.51
	7178	P.R. No. 476 - P.R. No. 478 R.M of Boulton & Silver Creek 11.6 km	Right-of-Way	6,873.76
	7179	N.E. Cor. Sec. 26-21-25W. R.M of Rossburn & Silver Creek 13.2 km	Preliminary Engineering	6,451.04
	7259	P.T.H. No. 2 Northerly R.M. of Sifton 11.3 km	Grade (11.3 km)	482,822.13

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
254 & 259	7324	P.R. No. 250 - P.T.H. No. 1 R.M. of Wallace, Woodworth & Daly 69.6 km	Seal Coat (69.6 km)	$323,851.78
255	7154	P.R. No. 254 - P.T.H. No. 83 R.M. of Sifton & Pipestone 18.0 km	Preliminary Engineering	1,847.26
256	6960	Broadview Subdivision - C.P.R., Town of Elkhorn 1.0 km	Grade Base Course Bituminous Pavement	67,472.38
	7053	P.T.H. No. 2 - S. of Cromer R.M. of Pipestone 14.9 km	Right-of-Way	3,330.61
	7265	P.R. No. 467 - P.T.H. No. 41 R.M. of Archie 21.3 km	Right-of-Way Utilities	4,127.56
260	7126	N.E. Corner Sec. 33-16-12W. - South Jct. P.R. No. 261 R.M. of Westbourne & Glenella 18.0 km	Base Course A.S.T.	9,662.76
	7144	South of Alonsa - North of Section 6-21-11W. R.M. of Alonsa 2.3 km	2nd Lift Construction Gravel	16,224.76
	7145	S.E. Corner S.E. 1/4 28-16-12W. R.M. of Westbourne 1.6 km	Bridge Approach	51,254.18
260 & 261	7051	South Jct. P.R. No. 261 - N.E. Boundary R.M. of Glenella 6.4 km	Right-of-Way	12,769.15
	7225	South Jct. P.R. No. 261 - N.E. Boundary R.M. of Glenella 6.4 km	Grade (6.4 km) Gravel (6.4 km)	318,000.11
261	7127	Glenella Drain - Sec. 28-18-13W., R.M of Glenella	Paving Traffic Control	1,310.05

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
262	7081	P.T.H. No. 10 - P.T.H. No. 16 & 16A R.M. of Odanah 18.1 km	Right-of-Way	$ 4,001.29
	7114	P.R. No. 265 - North Municipal Boundary R.M. of Minto 3.2 km	Right-of-Way	17,364.02
262 & 355	7228	Minnedosa Area R.M. of Minto & Town of Minnedosa 5.0 km	Bituminous Pavement (5.0 km)	442,210.13
263	7266	P.R. No. 262 - P.T.H. No. 10 R.M. of Clanwilliam & L.G.D. of Park 22.4 km	Right-of-Way	4,691.96
265	7075	P.T.H. No. 5 - East District Boundary, R.M. of Rosedale 5.0 km	Right-of-Way	1,919.81
	7321	Over Snake Creek N.E. 23-16-15W. R.M. of Rosedale	Bridge Approach	2,952.69
266	7031	Birch River South L.G.D. of Mountain 1.6 km	Preliminary Engineering	548.80
	7032	North of Bowsman River - N. N.E. Cor. Sec. 18-38-26W. R.M. of Minitonas 3.4 km	Preliminary Engineering	3,826.28
	7033	Birch River - 1.0 mile South L.G.D. of Mountain 1.6 km	Drainage Embankment	211,809.60
266 & 587	6917	S.E. Corner 2-28-27W. - North of Bowsman River R.M. of Minitonas & Swan River 3.6 km	Grade Gravel	20,196.66

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
268	6918	P.T.H. No. 10 - P.R. No. 587 R.M. of Minitonas 14.6 km	Base Course (14.6 km) A.S.T. (14.6 km)	$728,373.03
269	6995	N.E. Corner Section 31-29-21W. - P.T.H. No. 10 R.M. of Ethelbert 2.74 km	Preliminary Engineering	18,439.38
	6996	N.E. Corner Section 31-29-1W. - P.T.H. No. 10 R.M. of Ethelbert 2.74 km	Right-of-Way	554.76
	6997	South Jct. P.R. No. 364 - North Jct. P.R. No 364 R.M. of Mossey River 6.6 km	Grade (6.6 km) Gravel (6.6 km) Base Course (6.6 km) A.S.T. (6.6 km)	509,107.57
	7142	P.R. No. 490 - P.R. No. 276 Unorganized Territory 10.5 km	Right-of-Way	2,980.97
270	7078	Vicinity of Little Saskatchewan River R.M. of Harrison 2.5 km	Right-of-Way	2,822.60
	7080	West of Onanole L.G.D. of Park 3.6 km	Grade Gravel	2,909.54
271	6920	P.T.H. No. 20 - Westerly L.G.D. of Mountain 7.4 km	Grade Gravel	(648.85)
272	6921	P.T.H. No. 20 - North of P.T.H. No. 20 Unorganized Territory 11.0 km	Grade Gravel	8,486.89
	6922	Duck Bay - Southerly Unorganized Territory 10.7 km	Grade Gravel	3,439.07
	7034	P.T.H. No. 20 - Duck Bay Unorganized Territory 21.6 km	Right-of-Way	3,393.62

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
272	7164	P.T.H. No. 20 - Village of Duck Bay Pine Creek Indian Reserve & Unorganized Territory 19.8 km	Gravel (19.8 km)	$ 4,939.12
	7217	P.T.H. No. 20 - Duck Bay Unorganized Territory 19.3 km	Calcium Chloride (19.3 km)	27,114.89
273	7141	P.T.H. No. 10 - Ukraina R.M. of Ethelbert, Mossey River & Dauphin 6.9 km	Right-of-Way	1,440.61
274	6929	P.T.H. No. 10 (At Ethelbert) - N.E. Corner of S.E. 1/4 Section 3-29-22W. R.M. of Ethelbert 10.8 km	Base Course (6.7 km) A.S.T. (6.7 km)	452,025.71
275	7035	P.T.H. No. 10A - East Jct. P.R. No. 588 R.M. of Swan River 13.2 km	Preliminary Engineering	9,582.11
	7036	P.T.H. No. 10A - - East Jct. of P.R. No. 588 R.M. of Swan River 13.2 km	Right-of-Way	204.75
276	6930	North of P.R. No. 269 - P.R. No. 328 Unorganized Territory 12.6 km	Grade (6.6 km) Base Course (6.6 km) Road-Mix	411,990.01
	7195	P.R. No. 328 - Skownan Unorganized Territory 19.5 km	Calcium Chloride (19.5 km)	8,119.75
277	6989	Homestead Creek Section 30-44-27W. - Section 18-44-26W. Unorganized Territory	Detour Bridge Approaches & Deck	21,572.03
278	6931	P.T.H. No. 50 - N.E. Corner Section 4-22-11W. L.G.D. of Alonsa 10.8 km	Base Course Road-Mix	489,952.17

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
302	6977	P.T.H. No. 15 - North Boundary R.M. of Springfield 9.7 km	Right-of-Way	$ 1,557.36
	7018	La Broquerie - North Limit of Section 18-7-8E. R.M. of Ste. Anne & La Broquerie 5.1 km	Right-of-Way	15,616.23
303	7211	P.T.H. No. 12 - 2 miles East R.M. of Hanover 3.2 km	Calcium Chloride (3.2 km)	5,321.51
	7212	P.T.H. No. 12 - 2 miles East R.M. of Hanover 3.2 km	Calcium Chloride (3.2 km)	7,377.59
304	7146	P.T.H. No. 59 - Easterly L.G.D. of Alexander 5.0 km	Grade Gravel Calcium Chloride	683,746.56
	7304	Beaconia Easterly L.G.D. of Alexander 20.0 km	Stockpiling Traffic Gravel	174,945.03
305	6980	P.T.H. No. 2 - N.E. Corner Section 14-9-8W. R.M. of South Norfolk 11.4 km	Grade (11.4 km) Gravel (11.4 km)	627,640.91
	7090	P.T.H. No. 2 - N.E. Corner Section 14-9-8W. R.M. of South Norfolk 11.4 km	Right-of-Way	57,858.87
306	6975	P.R. No. 213 - Garson R.M. of Springfield, Brokenhead & St. Clements 14.5 km	Grade Gravel	100,356.67
	7184	P.R. No. 213 - South of P.T.H. No. 44 R.M. of Springfield 12.0 km	Gravel (12.0 km)	100,321.23
307	7066	P.T.H. No. 11 - W. Park Gate R.M. of Whitemouth 13.4 km	Right-of-Way	28,478.37

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
307	7070	Park Gate - Rennie River Whiteshell Provincial Park 26.4 km	Preliminary Engineering	$ 60,760.97
308	7072	Moose Lake - East Braintree L.G.D. of Reynolds & N.W. Angle Forest Reserve 65.4 km	Calcium Chloride (65.4 km)	32,769.21
	7273	Section 33-7-14E. L.G.D. of Reynolds 4.8 km	Grade (4.8 km) Gravel (4.8 km)	19,834.74
311	7213	P.R. No. 206 - P.T.H. No. 59 R.M. of Hanover 11.4 km	Calcium Chloride (11.4 km)	14,981.82
314 & 315	7292	Vicinity Nopiming Park R.M. of Rupertsland	Remove Rock Outcrop	5,138.18
317	7069	P.T.H. No. 59 - P.T.H. No. 12 R.M. of St. Clements & Brokenhead 15.4 km	Right-of-Way	5,244.85
	7168	P.T.H. No. 12 - N.E. Corner Section 9-15-9E. R.M. of Brokenhead & Lac du Bonnet 14.5 km	Preliminary Engineering	29,328.64
318	6926	Over Tourond Drain - North of Section 31-6-4E. R.M. of De Salaberry & Hanover	Right-of-Way Grade Gravel	5,672.52
321	7129	P.T.H. No. 7 - P.R. No. 220 R.M. of Rockwood, Rosser & West St. Paul 6.6 km	Right-of-Way	4,750.14
	7222	P.T.H. No. 7 - P.R. No. 220 R.M. of Rockwood 6.4 km	Calcium Chloride (6.4 km)	16,360.10

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
322	7223	P.T.H. No. 6 - P.T.H. No. 67 R.M. of Rockwood 6.9 km	Calcium Chloride (6.9 km)	$ 18,564.13
325	6938	Southwest of Ashern R.M. of Siglunes 16.3 km	Base Course (16.3 km)	172,769.49
	6941	Vicinity of Oak View R.M. of Siglunes 13.7 km	Base Course (9.6 km)	538,777.25
	7282	P.T.H. No. 17 - West L.G.D. of Fisher & Peguis Indian Reserve No. 18 22.9 km	Preliminary Engineering	59,789.06
325 & 234	7016	North of 6-26-4E. & South Jct. P.R. No. 233 - P.R. No. 325 R.M. of Bifrost 18.0 km	Right-of-Way	31,204.47
326	7236	P.R. No. 329 - N.E. 14-24-2E. R.M. of Bifrost 9.7 km	Calcium Chloride (9.7 km)	6,297.00
327	7237	Easterville Access Unorganized Territory 19.8 km	Calcium Chloride (19.8 km)	29,141.61
	7325	P.T.H. No. 6 West Unorganized Territory 44.0 km	Seal Coat (44.0 km)	291,407.92
328	6967	Waterhen R. - P.T.H. No. 6 Unorganized Territory & L.G.D. of Grahamdale 62.9 km	Preliminary Engineering	14,137.88
	6968	Waterhen R. - Proulx Creek L.G.D. of Alonsa & Unorganized Territory	Right-of-Way	4,609.74
	7165	Vicinity of Waterhen Unorganized Territory 12.4 km	Grade (12.4 km) Gravel (12.4 km)	894,326.26

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
328	7239	P.T.H. No. 6 Westerly L.G.D. of Grahamdale & Unorganized Territory 10.0 km	Calcium Chloride (10.0 km)	$ 9,391.88
329	6939	P.R. No. 326 - P.T.H. No. 8 R.M. of Bifrost 13.2 km	Grade Gravel	976,754.74
	6969	P.R. No. 226 - P.T.H. No. 17 R.M. of Bifrost & L.G.D. of Fisher 21.6 km	Preliminary Engineering	37,703.03
	7279	P.T.H. No. 8 - P.R. No. 326 R.M. of Bifrost 13.4 km	Right-of-Way	975.00
330	7318	La Salle - P.T.H. No. 100 R.M. of Macdonald 9.0 km	Seal Coat	17,343.08
338	6993	North of P.T.H. No. 3 - P.T.H. No. 23 R.M. of Stanley & Thompson 16.9 km	Preliminary Engineering	2,484.79
340	7109	P.T.H. No. 1 - P.R. No. 457 R.M. of Elton & Cornwallis 5.0 km	Right-of-Way	4,893.51
	7230	P.R. No. 253 Northerly R.M. of Strathcona 7.2 km	Grade (7.2 km)	302,899.32
342	7157	North Jct. P.R. No. 245 - N. Boundary R.M. of Argyle 4.8 km	Spot Grade Improvements	55,152.96
343	7116	Regent West R.M. of Winchester 6.4 km	Right-of-Way	9,593.78
	7229	P.T.H. No. 10 - P.R. No. 448 R.M. of Morton 16.1 km	Spot Grade Improvements	103,643.63
344	6954	18th Street - 1st Street City of Brandon 1.6 km	Grade (1.6 km) Base Course (1.6 km) Bituminous Pavement (1.6 km)	19,501.87

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
344	7015	Wawanesa - North of P.R. No. 453 R.M. of Oakland & Cornwallis 29.3 km	Right-of-Way	$ 83,285.13
	7205	From 17th Street East - N.E. 4-10-18W. City of Brandon 6.4 km	Calcium Chloride (6.4 km)	14,774.86
348	7215	P.T.H. No. 10 - West Jct. P.R. No. 343 R.M. of Morton 19.8 km	Preliminary Engineering	4,228.87
349	7096	P.T.H. No. 10 - P.R. No. 250 R.M. of Cornwallis & Whitehead 20.9 km	Right-of-Way	7,582.00
	7097	P.T.H. No. 10 - P.R. No. 250 R.M. of Cornwallis & Whitehead 20.9 km	Preliminary Engineering	1,040.16
351	7115	P.T.H. No. 5 Westerly R.M. of North Cypress 2.4 km	Preliminary Engineering	1,040.83
352	7131	P.T.H. No. 16 - Arden R.M. of Lansdowne 8.0 km	Right-of-Way	7,900.66
	7133	Arden North - P.R. No. 575 R.M. of Lansdowne 19.3 km	Right-of-Way	619.31
	7296	East of S.E. 1/4 Section 24-12-13W. R.M. of North Cypress	Install & Remove Detour Sign & Place Rip-rap	9,846.93
354	6958	P.T.H. No. 21 Northerly R.M. of Woodworth, Daly & Whitehead 9.0 km	Grade Gravel	15,097.15

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
354	7083	P.R. No. 355 - N.E. 35-15-22W. R.M. of Blanshard 10.0 km	Right-of-Way	$ 6,518.68
	7189	Little Saskatchewan River Valley R.M. of Strathclair 4.2 km	Calcium Chloride (4.2 km)	6,373.40
	7285	East of 29-17-21W. R.M. of Strathclair	Replace Culvert	12,801.08
355	6955	Cardale West R.M. of Blanshard & Hamiota 18.0 km	Grade (18.0 km) Gravel (18.0 km)	42,376.03
	7076	East of Cardale - P.R. No. 470 R.M. of Blanshard & Hamiota 18.0 km	Right-of-Way	8,830.95
	7160	P.T.H. No. 21 - P.R. No. 470 R.M. of Hamiota 5.0 km	Preliminary Engineering	26,417.62
	7188	P.R. No. 474 - P.T.H. No. 83 R.M. of Miniota 11.4 km	Right-of-Way	2,513.48
357	6976	P.T.H. No. 10 - P.R. No. 466 R.M. of Rosedale & Clanwilliam 20.6 km	Base Course (20.6 km) A.S.T. (20.6 km)	840,436.18
359	6990	West of Vista - Birdtail Valley R.M. of Rossburn 2.5 km	Right-of-Way	15,783.91
	7082	P.R. No. 354 - N.E. Section 8-19-22W. L.G.D. of Park & Unorganized Territory 16.4 km	Right-of-Way	2,429.10
	7086	Vicinity of Wasamin Creek Section 32-19-19W. L.G.D. of Park 2.4 km	Right-of-Way	527.84

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
359	7161	Vista - P.R. No. 566 R.M. of Rossburn 9.8 km	Grade Gravel	$ (2,249.87)
	7162	Vista West R.M. of Rossburn 0.5 km	Preliminary Engineering	12,265.48
	7272	P.R. No. 270 - P.R. No. 250 L.G.D. of Park 9.0 km	Preliminary Engineering	30,854.22
360	6998	P.R. No. 235 Southerly R.M. of Ste. Rose 18.37 km	Right-of-Way	18,729.37
	6999	P.R. No. 480 - P.T.H. No. 50 R.M. of Ste. Rose & McCreary 16.4 km	Preliminary Engineering	46,223.95
362	7000	N.E. Cor. Sec. 33-25-19W. - E.N.E. Cor. Sec. 4-26-19W. R.M. of Dauphin 2.6 km	Drainage Improvements	50,553.23
364	6932	P.R. No. 364 - P.T.H. No. 20 R.M. of Mossey River 1.4 km	Detour & Approaches	20,198.20
	6933	South of Winnipegosis - North Jct. P.R. No. 269 R.M. of Mossey River 8.6 km	Grade (8.6 km) Gravel (8.6 km)	390,507.86
	6942	N.E. Corner 27-30-18W. R.M. of Mossey River 4.4 km	Right-of-Way	11,437.62
	7001	South Jct. P.R. No. 269 - P.R. No. 481 R.M. of Mossey River & Lawrence 17.0 km	Right-of-Way	11,217.11
	7010	South Jct. P.R. No. 269 - P.R. No. 481 R.M. of Mossey River & Lawrence 19.3 km	Preliminary Engineering	13,910.86

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
365	7112	P.T.H. No. 10 - Bell River R.M. of Porcupine Forest Reserve 5.1 km	Preliminary Engineering	$ 23,042.98
366	6934	N. Valley River - N.E. Corner Section 12-26-24W. R.M. of Grandview 5.6 km	2nd Lift Traffic Gravel	34,824.13
	7037	Woody River Bridge L.G.D. of Mountain	Detour Approaches & Deck	1,595.34
	7038	Vicinity of Wellman Lake R.M. of Duck Mountain Provincial Park 7.2 km	Preliminary Engineering Utilities	1,557.28
	7039	Woody River - P.R. No. 268 L.G.D. of Mountain 4.8 km	Right-of-Way	8,919.09
	7150	P.R. No. 584 East R.M. of Grandview & Boulton 23.2 km	Right-of-Way	4,259.56
	7196	P.T.H. No. 5 - North Limit N.E. 12-24-24W. R.M. of Grandview 11.5 km	Calcium Chloride (11.5 km)	19,682.28
	7197	P.R. No. 267 - North District Boundary R.M. of Grandview & Duck Mountain Forest Reserve 14.8 km	Calcium Chloride (14.8 km)	31,537.10
	7231	Through Village of Minitonas R.M. of Minitonas 1.6 km	Shoulder Stabilization A.S.T.	18,708.88
366 & 367	7216	Duck Mountain Forest Reserve	Calcium Chloride	147,606.57
367	7040	Boggy Creek - P.R. No. 594 L.G.D. of Park 2.1 km	Preliminary Engineering	28,559.23
	7170	Boggy Creek - P.R. No. 594 L.G.D. of Park 2.1 km	Right-of-Way	12,984.45

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
367	7199	P.T.H. No. 10 R.M. of Ethelbert & Duck Mountain Forest Reserve 10.0 km	Calcium Chloride (10.0 km)	$ 15,589.92
401 & 204	7176	North of Winnipeg R.M. of East St. Paul 6.4 km	Grade (6.4 km) Base Course (6.4 km) Bituminous Pavement	12,902.44
	7181	P.R. No. 204 - P.R. No. 202 R.M of East St. Paul 3.1 km	Right-of-Way	461.92
405	7026	P.R. No. 200 - P.T.H. No. 59 R.M. of Ritchot 9.2 km	Preliminary Engineering	9,174.72
	7027	East P.T.H. No. 59 - P.R. No. 206 R.M. of Tache 15.6 km	Prelimarary Engineering	41,767.19
406	7098	P.T.H. No. 15 - P.T.H. No. 44 R.M. of Whitemouth 14.8 km	Right-of-Way	824.37
	7100	P.T.H. No. 15 - P.T.H. No. 44 R.M. of Whitemouth 14.8 km	Preliminary Engineering	7,224.71
408	7067	P.T.H. No. 44 - P.R. No. 307 R.M. of Whitemouth 13.7 km	Right-of-Way	4,346.02
	7255	P.T.H. No. 11 - River Hills R.M. of Whitemouth	Calcium Chloride	664.19
410	7185	P.T.H. No. 8 - P.R. No. 230 R.M. of St. Andrews 3.9 km	Right-of-Way	2,915.87
413	7068	P.T.H. No. 9 - West Boundary of District R.M. of St. Andrews 9.8 km	Right-of-Way	46,468.56

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
413	7187	P.T.H. No. 8 - P.T.H. No. 9 R.M. of St. Andrews 4.8 km	Grade (4.8 km) Base Course (4.8 km)	$274,928.47
415	7148	P.T.H. No. 7 - P.R. No. 322 R.M. of Rockwood & Woodlands 19.8 km	Right-of-Way	3,556.83
	7234	St. Laurent - Easterly R.M. of St. Laurent 14.3 km	Spreading Traffic Gravel	11,594.62
	7238	P.T.H. No. 6 - P.R. No. 518 R.M. of St. Laurent 14.8 km	Calcium Chloride (14.8 km)	12,711.42
417	7226	P.T.H. No. 6 - West R.M. of Eriksdale 24.6 km	Calcium Chloride (24.6 km)	15,295.66
419	6940	P.T.H. No. 6 - Sandy Point R.M. of Coldwell 18.0 km	Grade Gravel	50,379.64
	6971	Narcisse - East of Lundar L.G.D. of Armstrong & R.M. of Coldwell 17.7 km	Preliminary Engineering	1,718.06
	7240	Lundar - Lundar Beach R.M. of Coldwell 18.8 km	Calcium Chloride (18.8 km)	15,401.35
	7257	P.T.H. No. 6 - Sandy Point R.M. of Coldwell 18.8 km	Right-of-Way	5,134.56
	7261	P.T.H. No. 6 Westerly R.M. of Coldwell 4.8 km	Abandonment Grant	9,000.00
421	6947	P.R. No. 522 - P.T.H. No. 75 R.M. of Rhineland & Montcalm 7.4 km	Grade Gravel	5,866.79
	7298	P.R. No. 522 - P.T.H. No. 75 R.M. of Rhineland & Montcalm 7.4 km	Gravel (7.4 km) Calcium Chloride (7.4 km)	107,941.76

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
422	7254	P.R. No. 205 - P.T.H. No. 23 R.M. of Morris 11.5 km	Right-of-Way	$ 7,484.02
427	7287	500 feet - East of Junction P.R. No. 424 - P.R. No. 427 R.M. of Cartier	Repair Grade Slide	12,048.86
430	7219	P.R. No. 227 - North Jct. St. Ambroise Beach R.M. of Portage la Prairie 20.1 km	Calcium Chloride (21.1 km) Lignosulfonate Treatment	45,351.49
	7224	P.T.H. No. 1 - P.T.H. No. 26 R.M. of Portage la Prairie 10.6 km	Calcium Chloride (10.6 km)	25,440.48
	7291	North of Sec. 2-15-5W. & Thru Secs. 11 & 14-15-5W. R.M. of Portage la Prairie 2.9 km	Abandonment Grant	5,400.00
435	6988	P.T.H. No. 12 - P.R. No. 316 R.M. of Brokenhead 8.6 km	Grade (8.6 km) Gravel (8.6 km)	445,392.24
	7071	P.T.H. No. 59 - P.T.H. No. 12 R.M. of St. Clements & Brokenhead 20.9 km	Right-of-Way	2,816.56
	7099	P.R. No. 214 - P.T.H. No. 11 R.M. of Lac du Bonnet 24.3 km	Preliminary Engineering	58,719.04
	7102	P.R. No. 214 - P.T.H. No. 11 R.M. of Brokenhead & Lac du Bonnet 24.3 km	Right-of-Way Utilities	14,535.93
440	7147	P.T.H. No. 23 - Pembina River Valley R.M. of Argyle 9.7 km	Right-of-Way	14,397.18
441	7054	P.T.H. No. 83 - P.T.H. No. 1 R.M. of Wallace 13.8 km	Right-of-Way Utilities	1,148.17

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
448	6928	P.T.H. No. 23 - P.R. No. 343 R.M. of Whitewater & Morton 11.6 km	Spot Grade Improvements	$ 26,316.33
455	7299	North of 15-10-22W. R.M. of Whitehead 1.0 km	Grade Gravel	41,688.94
459	7079	P.T.H. No. 10 - P.T.H. No. 1 City of Brandon, R.M. of Cornwallis & Whitehead 9.8 km	Preliminary Engineering	4,258.72
460	7134	Gladstone - P.R. No. 265 R.M. of Westbourne 18.5 km	Right-of-Way	51,404.43
462	7135	P.R. No. 261 - N. Boundary R.M. of Glenella 7.4 km	Right-of-Way	1,564.48
	7305	P.R. No. 261 & P.R. No. 462 R.M. of Glenella	Bridge Detour	7,210.67
465	7104	Vicinity of P.R. No. 468 R.M. of Odanah 0.8 km	Right-of-Way	620.96
467	7057	P.T.H. No. 83 - W. Junction P.R. No. 256 R.M. of Miniota & Archie 19.6 km	Right-of-Way	3,537.63
468	7202	P.R. No. 457 - P.R. No. 561 R.M. of Elton & Cornwallis 16.6 km	Right-of-Way	1,114.48
471	7084	P.T.H. No. 5 - N.E. Corner 32-15-16W. R.M. of Rosedale 16.9 km	Right-of-Way	869.20
474	7014	P.T.H. No. 24 - N.E. 31-14-25W. R.M. of Miniota 12.4 km	Grade Gravel	3,827.82

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
474	7163	Isabella Area R.M. of Miniota & Birtle 13.5 km	Right-of-Way	$ 402.04
478	6981	P.T.H. No. 16 - East R.M. of Russell & Silver Creek 7.4 km	Preliminary Engineering	7,753.44
480	7002	P.R. No. 360 - West R.M. of Ste. Rose 5.5 km	Preliminary Engineering	15,237.62
	7003	Makinak - North Junction P.T.H. No. 5 R.M. of Ochre River 8.2 km	Preliminary Engineering	21,366.27
	7004	Makinak - North Junction P.T.H. No. 5 R.M. of Ochre River 8.2 km	Right-of-Way	619.00
	7152	North Junction P.T.H. No. 5 - Turtle River R.M. of Ochre River 8.0 km	Right-of-Way	6,951.80
	7171	S.E. 19-22-16W. - N.E. 5-23-16W. R.M. of Ochre River 6.8 km	Right-of-Way	2,505.00
	7173	Laurier - South of Henderson Creek R.M. of Ste. Rose & Ochre River 9.7 km	Right-of-Way	11,854.36
	7198	Makinak - 100 m South of North Limit Township 22 R.M. of Ochre River 4.1 km	Calcium Chloride (4.1 km)	6,235.97
	7243	P.T.H. No. 5 - P.R. No. 360 R.M. of Ste. Rose 8.0 km	Calcium Chloride (8.0 km)	3,148.05
481	7005	N. of Sec. 31-29-14W. Crane River Unorganized Territory 14.6 km	Right-of-Way	16,381.31

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
481	7012	P.R. No. 276 - N.E. Corner of N.W. 31-29-14W. R.M. of Lawrence & Ste. Rose Unorganized 13.4 km	Right-of-Way	$ 17,613.04
482	7062	In Section 18 & 19-25-29W. R.M. of Shell River 0.8 km	Survey, Inspect & Temporary Repairs Slide Area	10,226.37
484	7006	East of N.E. 1/4 Section 21-28-29W. R.M. of Shell River 0.3 km	Right-of-Way	2,904.24
486	7092	P.R. No. 586 - East R.M. of Swan River 8.4 km	Preliminary Engineering	15,977.13
488	6923	P.T.H. No. 10 - 2.1 km S. R.M. of Minitonas 2.1 km	Grade Gravel	13,631.75
	6984	P.T.H. No. 10 - P.R. No. 485 R.M. of Minitonas 7.4 km	Preliminary Engineering	9,983.74
	7041	Minitonas Creek Bridge R.M. of Minitonas	Bridge Approaches Detour & Deck	10,201.07
	7111	P.T.H. No. 10 - South R.M. of Minitonas 2.1 km	Second Lift Construction Gravel	1,383.65
489	7042	E. of Garland River Bridge - East of Sec. 13-32-21 R.M. of Ethelbert & L.G.D. of Mountain 10.1 km	Preliminary Engineering	4,205.29
	7043	East of Garland River - East of Section 13-32-21W. R.M. of Ethelbert & L.G.D. of Mountain 10.1 km	Right-of-Way	6,219.65

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
489	7107	Garland - E. of Garland R. R.M. of Ethelbert 9.3 km	2nd Lift Construction Gravel	$ 42,645.56
491	7007	P.R. No. 362 - Trembowla Historical Site R.M of Dauphin	Structures & Approaches	32,188.26
	7013	P.R. No. 362 - Trembowla R.M. of Dauphin 9.3 km	Right-of-Way	13,275.21
501	7093	P.T.H. No. 1 - P.T.H. No. 12 R.M. of Tache 9.9 km	Base Course A.S.T.	501,729.70
	7233	P.R. No. 616: St. Genevieve Access - Ross R.M. of Tache 7.9 km	Base Course (7.9 km) A.S.T. (7.9 km)	252,167.13
513	6972	Anama Bay - North of Section 23-24-7W. Unorganized Territory 35.1 km	Preliminary Engineering	16,786.71
514	7281	P.R. No. 235 - N.N.W. 29-23-7W. R.M. of Siglunes 15.8 km	Preliminary Engineering	2,809.28
517	7136	P.R. No. 236 - P.T.H. No. 7 R.M. of Rockwood 4.8 km	Right-of-Way	18,220.97
519	7310	P.T.H. No. 8 - P.T.H. No. 9 R.M. of Gimli 2.7 km	Right-of-Way	561.80
542	7058	P.T.H. No. 1 & P.R. No. 542 R.M. of Wallace 0.8 km	Intersection Improvement	49,215.36
547	7008	P.R. No. 482 - Saskatchewan Boundary, R.M. of Shellmouth 3.4 km	Grade (3.4 km) Gravel (3.4 km)	200,746.19

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
568	7060	P.T.H. No. 8 - Birdtail Ck. R.M. of Birtle 6.9 km	Right-of-Way	$ 3,802.61
575	7052	P.R. No. 260 - Tenby R.M. of Westbourne, Glenella & Lansdowne 5.5 km	Right-of-Way	1,611.33
	7138	Tenby - P.R. No. 462 R.M. of Glenella & Lansdowne 4.3 km	Preliminary Engineering	19,902.55
	7322	P.R. No. 260 - Tenby Access Road R.M. of Lansdowne, Glenella & Westbourne 5.5 km	Grade Gravel	15,186.48
582	7172	P.R. No. 480 - West R.M. of Ochre River 8.0 km	Right-of-Way	774.02
	7191	P.T.H. No. 5 - North Limit Section 9-23-17W. R.M. of Ochre River 8.5 km	Calcium Chloride (8.5 km)	15,686.13
586	6985	P.R. No. 486 - South R.M. of Swan River 6.6 km	Preliminary Engineering	4,631.29
587 & 266	7153	North of Bowsman River - S.E. Cor. Sec. 2-38-27W. R.M. of Minitonas 37.3 km	2nd Lift Construction Gravel (37.3 km)	7,687.50
588	6924	P.T.H. No. 83 - 3.7 km North R.M. of Swan River 3.7 km	Grade (3.7 km) Gravel (3.7 km)	392,787.09
	7044	North of P.T.H. No. 83 - South of P.R. No. 487 R.M. of Swan River 5.3 km	Preliminary Engineering	9,231.20

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
588	7045	P.T.H. No. 83 - North R.M. of Swan River 3.7 km	Right-of-Way	$ 9,479.41
	7167	North of P.T.H. No. 83 - South of P.R. No. 487 R.M. of Swan River 4.8 km	Right-of-Way	975.53
	7203	East 21-35-29 - R.M. of Swan River	Purchase & Install Culvert	11,893.39
591	6943	P.R. No. 584 - P.T.H. No. 5 R.M. of Shell River & Hillsburg 3.9 km	Preliminary Engineering	1,300.42
601	7064	Grand Beach Access R.M. of St. Clements 2.1 km	Bituminous Pavement	75,495.18
603	6948	Morden Access: Along Stephen & First Streets R.M. of Stanley 2.1 km	Excavate Base Course Bitumious Pavement	26,193.61
604	7323	Village of Crystal City R.M. of Louise 0.5 km	Bituminous Patching	4,500.00
605	7046	North Limit City Northerly R.M. of Rosser 0.8 km	Right-of-Way	11,005.00
	7244	King Street (P.R. No. 605) R.M. of Virden	Install Pedestrian Corridor	8,919.55
607	7025	Lorette Access - Seine River Bridge - P.R. No. 405 R.M. of Tache 0.3 km	Right-of-Way	59,923.98
608	6935	Kinosota Access Road L.G.D. of Alonsa 4.35 km	Base Course Road-Mix	137,352.14

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
610	7155	P.T.H. No. 16 - Harrowby Access R.M. of Russell 2.1 km	2nd Lift Construction Gravel Base Course Bituminous Pavement	$ 840.76
612	7275	Mather Access Road R.M. of Roblin 0.2 km	Base Course (1.6 km) Seal Coat (1.6 km) Bituminous Pavement (1.6 km)	15,725.67
615	7169	Whitemouth Access Road R.M. of Whitemouth 1.1 km	Bituminous Pavement (1.1 km)	106,170.14
619	7192	Shellmouth Access R.M. of Shellmouth 4.3 km	Calcium Chloride (4.3 km)	4,871.85
620	7283	St. Laurent Access - Lot 18 R.M. of St. Laurent 4.8 km	Preliminary Engineering	9,946.32
629	6982	Angusville Access R.M. of Silver Creek 1.2 km	Grade Gravel	1,552.18
	7166	Angusville Access R.M. of Silver Creek 1.2 km	Right-of-Way	10,579.44
Watchorn Bay Road	6973	North Jct. P.T.H. No. 6 - Watchorn Bay L.G.D. of Grahamdale 21.1 km	Preliminary Engineering	782.88
	7278	N. Jct. P.T.H. No. 6 - Watchorn Bay L.G.D. of Grahamdale 21.1 km	Right-of-Way	739.35
North Mallard Road	7009	P.R. No. 328 - South of Secton 32-34-15W. Dauphin Unorganized 14.3 km	Grade (14.3 km) Gravel (14.3 km)	824,924.13

Table No. C3

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
North Mallard Road	7105	P.R. No. 328 - South of Section 32-34-15W. Dauphin Unorganized 14.32 km	Right-of-Way	$ 35,374.85
Selo Ukrainia Access Road	7094	P.T.H. No. 10 - E. Boundary S.W. 1/4 Section 4-24-19W. R.M. of Dauphin 0.84 km	Right-of-Way Miscellaneous Work	1,546.40
Main Market Road	7193	South Leifer Road L.G.D. of Alonsa 5.2 km	Calcium Chloride (5.2 km)	14,225.80
	7250	C.N. Railway Crossing - North Fairford Indian Reserve 10.5 km	Bituminous Repair	62,115.54
Shoal River Road	7249	Dawson Bay I.R. Westerly Swan River Unorganized 8.5 km	Grade (8.5 km) Gravel (8.5 km)	418,884.35
	7308	8.5 km - 16.6 km West of Dawson Bay I.R. Unorganized Territory 8.0 km	Right-of-Way	39,841.06
Miscellaneous				
	6900	Various Highways	Right-of-Way	4,461.59
	6901	District 1	Engineering Expenses	20,679.74
	6902	District 2	Engineering Expenses	18,651.42
	6903	District 3	Engineering Expenses	19,993.79
	6904	District 4	Engineering Expenses	5,522.47
	6905	District 5	Engineering Expenses	11,341.14
	6906	District 6	Engineering Expenses	8,407.90
	6907	District 7	Engineering Expenses	14,834.71
	6908	District 8	Engineering Expenses	52,178.94

Table No. C3

Work Order	Highway No.	Location of Project	Nature of Work (km completed)	Expenditure
Miscellaneous				
6909		District 9	Engineering Expenses	$ 19,652.72
6910		District 10	Engineering Expenses	59,452.26
6911		District 11	Engineering Expenses	11,492.44
6912		District 12	Engineering Expenses	14,524.53
6915		Various Highways	Engineering Audit Survey	77,447.97
6916		Various Highways	Right-of-Way Purchase	5,461.20
7048		Wilkes Avenue	Illumination	7,311.47
7194		Cormorant & Moose Lake Road	Calcium Chloride	33,433.87
7210		Various	Right-of-Way	19,453.90
7247		Various	Spreading Traffic Gravel	(13,002.72)
7251		Various Provinical Roads R.M. of Whitemouth & Lac du Bonnet, Rupertsland Unorganized & L.G.D. of Alexander	Calcium Chloride	39,160.32
7271		Various R.M. of St. Andrews, St. Clements, Brokenhead & Springfield	Calcium Chloride	8,749.57
7274		Lake St. George - Jackhead Harbour Road Unorganized Territory 19.8 km	Grade Gravel	661,254.96
7276		North of Selkirk R.M. of St. Andrews & St. Clements	Grade Approaches	194,215.48
7315		Ilford to York Landing	Claim Settlement	86,012.00
Various Work Orders Incidental Amounts				949.80
Bridge Projects (for details see Table No. B1)			*1,511.6	4,141,626.23
				32,273,582.08

Table No. C3

Highway No.	Work Order / Location of Project	Nature of Work (km completed)	Expenditure
	*Bituminous Pavement	15.4	
	Calcium Chloride	624.7	
	Base Course	172.9	
	Grading	216.8	
	Gravelling	241.1	
	Concrete Pavement	0.0	
	Asphalt Surface Treatment	114.6	
	Seal Coat	126.1	
		1,511.6	

HIGHWAY CONSTRUCTION
NORTHERN ROADS
APPROPRIATION 15-7A

Table No. C4

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
6	N417	Hargrave River - South of Minago River Unorganized Territory 57.5 km	Clearing Drainage	$105,915.98
	N441	North and South of Minago River Unorganized Territory 18.8 km	Grade Widening Shoulder Gravel	314,455.56
	N485	North of Williams River, Vicinity of Little Limestone Lake Unorganized Territory 24.8 km	Preliminary Engineering	31,014.28
10	N409	C.N.R. (Sherridon Sub.) Mistik Creek Unorganized Territory 7.9 km	Rock Embankment	52,431.26
	N410	Mistik Creek - East Bakers Narrows Unorganized Territory 8.2 km	Rock Embankment	28,177.50
	N431	E. of East Bakers Narrows - E. of West Bakers Narrows Unorganized Territory 1.9 km	Rock Excavation Grade Causeway	632,306.50
	N433	Mistik Creek - E. of East Bakers Narrows Unorganized Territory 8.2 km	Base Course A.S.T.	24,434.91
	N459	Fischer Avenue & Third St. Town of The Pas	Bituminous Pavement Curb & Gutter	19,615.70
	N460	E. of East Bakers Narrows - E. of West Bakers Narrows Unorganized Territory 1.9 km	Base Course (1.9) A.S.T. (1.9)	129,709.94
10A	N432	Green St. - W. Jct. of P.T.H. No. 10 City of Flin Flon 2.1 km	Preliminary Engineering	1,311.27

Table No. C4

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
282	N413	P.T.H. No. 10 - P.R. No. 283 L.G.D. of Consol 23.8 km	Grade (10.0) Gravel (10.0	$ 14,268.48
283	N303	P.R. No. 282 - Saskatchewan Boundary L.G.D. of Consol 18.2 km	Right-of-Way Utilities	750.00
	N372	P.R. No. 282 - Saskatchewan Boundary, L.G.D. of Consol 18.2 km	Gravel Calcium Chloride	61,594.83
	N458	P.R. No. 283 (Pasquia River Crossing) L.G.D. of Consol	Location Study Preliminary Engineering	343.70
285	N434	E. of Sec. 19-56-25W. - E. of Sec. 20-56-25W. L.G.D. of Consol 3.4 km	Grade (3.4) Gravel (3.4) Calcium Chloride (3.4)	599,048.06
287	N316	The Pas Airport - Atikameg Clearwater Provincial Park 6.9 km	Drainage Improvements Sub-Grade Reinforce	1,909.67
304	N405	P.T.H. No. 12 - N.E. Cor. 16-17-9E. L.G.D. of Alexander 20.9 km	Right-of-Way	4,378.96
	N426	Black River - Sandy River Unorganized Territory 13.8 km	Crushed Rock Base Course (13.8)	21,090.58
	N457	P.T.H. No. 12 - N.E. Cor. 16-17-9E. L.G.D. of Alexander 20.9 km	Preliminary Engineering	113,248.69
	N467	Sandy R. - Manigotagan R. Unorganized Territory 16.3 km	Rock Base A.S.T. (16.3)	718,699.90
314	N455	P.R. No. 315 - Beresford Nopiming Park Unorganized Territory 128.7 km	Preliminary Engineering	11,280.16

Table No. C4

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
373	N394	Sea River Falls-Norway House Unorganized Territory 35.2 km	Preliminary Engineering	$ 4,234.90
	N472	Sea River Falls-Norway House Unorganized Territory 34.4 km	Spot Grade Improvements Drainage	232,092.80
391	N373	P.R. No. 392 - East of Wekusko Jct. Unorganized Territory 20.3 km	Grade (20.3) Base Course (20.3)	19,968.84
	N390	P.T.H. No. 6 - P.R. No. 610 Wabowden Access Unorganized Territory 46.6 km	Preliminary Engineering	20,074.09
	N406	Turnbull Lake - Lynn Lake Town of Leaf Rapids Unorganized Territory & L.G.D. of Lynn Lake 106.6 km	Bituminous Levelling Slope Stabilization Shoulder Gravel	481,340.81
	N407	West Reed Lake - Wabowden Access Unorganized Territory 134.4 km	Bituminous Levelling Shoulder Gravel	1,057,695.01
	N438	South Soab Mine Road - South L.G.D. of Mystery Lake Unorganized Territory 14.5 km	Bituminous Overlay Shoulder Gravel	33,025.11
	N422	Suwannee River - Turnbull Lake Road Unorganized Territory & Town of Leaf Rapids 37.3 km	Preliminary Engineering	10,748.65
	N437	P.R. No. 610 Thompson Airport - East of Sapochi River L.G.D. of Mystery Lake & Unorganized Territory 44.5 km	Preliminary Engineering	18,848.86
	N461	West Reed Lake - East Unorganized Territory 15.2 km	Grade Widening Drainage Improvements Shoulder Gravel	841,656.13

Table No. C4

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
391	N464	Wabowden Access North Unorganized Territory & L.G.D. of Mystery Lake 22.0 km	Bituminous Overlay Shoulder Gravel	$1,165,147.07
	N466	Suwannee River Unorganized Territory & Town of Leaf Rapids 32.5 km	Grade (32.5) Gravel (32.5)	3,497,988.93
	N468	South Soab Mine Road - Pipe Lake Mine Road L.G.D. of Mystery Lake 36 km	Bituminous Levelling Shoulder Gravel	148,514.56
	N473	Turnbull Lake Road Town of Leaf Rapids, Unorganized Territory & L.G.D. of Lynn Lake 107.1 km	Stockpiling Aggregate Bituminous Levelling	411,231.55
	N475	Thompson Airport-Sapochi R. L.G.D. of Mystery Lake & Unorganized Territory 44 km	Grade (44.0) Gravel (44.0)	65,751.34
	N477	Vicinity of Midway Lake - Turnbull Lake Road Unorganized Territory 70.3 km	Grade Improvements Stockpiling Gravel	54,709.56
	N478	City of Thompson L.G.D. of Mystery Lake	Slope Restoration Guard Rail	14,477.84
392	N408	P.R. No. 391 - Snow Lake L.G.D. of Snow Lake 34.4 km	Bituminous Surface Levelling Shoulder Gravel	95,764.34
394	N213	Vicinity of Lynn Lake - Vandekerckhove Lake L.G.D. of Lynn Lake & Unorganized Territory 49.9 km	Grade Repair Drainage Improvements	19,024.86
	N474	Vicinity of Lynn Lake - Vicinity of Co-op Point L.G.D. of Lynn Lake Unorganized Territory 100.1 km	Stockpiling Traffic Gravel Drainage	489,413.92

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
395	N340	P.R. No. 392 - Chisel Lake Mine L.G.D. of Consol 13.0 km	Grade (13.0) Gravel (13.0) Calcium Chloride (13.0)	$140,007.04
433	N444	East Jct. P.R. No. 313 - West Jct. P.R. No. 313 R.M. of Lac du Bonnet 19.6 km	Location Study Preliminary Engineering	6,237.14
608	N482	Cranberry Portage Access U.V.D. of Cranberry Portage 0.3 km	Curb & Gutter Replacement A.S.T.	34,000.00
610	N440	Nelson House Access Road Unorganized Territory 10.3 km	Grade Improvements Gravel	57,598.37
632	N465	P.R. No. 391 - Wabowden Unorganized Territory 3.4 km	Bituminous Recap Shoulder Gravel	199,303.99
710	N416	P.T.H. No. 10 - Umpherville Settlement L.G.D. of Consol 2.3 km	Gravel Calcium Chloride	9,095.01
South Bay Road	N319	Ruttan Lake Mine - South Bay Unorganized Territory 54.4 km	Drainage Grade Settlement	(36,780.35)
Moose Lake Access Road	N350	Atakameg - Moose Lake Settlement Unorganized Territory 45.1 km	Settlement Repairs Grade (45.1) Gravel (45.1)	19,062.99
Easter-ville Extension Road	N371	P.R. No. 327 Westerly Unorganized Territory 36.2 km	Grade (36.2) Gravel (36.2) A.S.T. (36.2)	15,651.38
	N412	Mile 31 - 45 Unorganized Territory 22.5 km	Grade (22.5) Gravel (22.5) Base Course (22.5) A.S.T. (22.5)	9,262.19

Table No. C4

Highway	Work Order No.	Location of Project	Nature of Work (km completed)	Expenditure
Easterville Extension Road	N429	17.7 km E. of P.T.H. No. 10 -35.8 km E. of P.T.H. No. 10 Unorganized Territory 18.1 km	Grade (18.1) Base Course (18.1) A.S.T. (18.1)	$ 84,844.89
	N435	P.T.H. No. 10 - Easterly Unorganized Territory 17.7 km	Grade Widening Base Course	1,631,602.27
Broadlands Road	N447	P.R. No. 304 - Maska River L.G.D. of Alexander 18 km	Preliminary Engineering	21,856.90
	N456	P.R. No. 304 - Mashwo River L.G.D. of Alexander 6.4 km	Right-of-Way Utilities	15,967.16
Pinawa Channel Road	N462	P.R. No. 211 - P.R. No. 313 R.M. of Lac du Bonnet & Pinawa 14 km	Preliminary Engineering	75,924.76
	N487	P.R. No. 211 - P.R. No. 313 L.G.D. of Pinawa 9.0 km	Clearing Grade Gravel	42,858.34
Thompson Gillam Road	N470	Split Lake Access - Long Spruce Unorganized Territory 139.2 km	Grade Gravel Drainage Improvements	1,559,199.61
South Bay Road	N476	Ruttan Lake Mine - South Bay Unorganized Territory 51 km	Grade Improvements Gravel	99,274.97
Miscellaneous				
	N450	Various Winter Roads Unorganized Territory	Improve Access	44,385.78
	N471	Jenpeg - Cross Lake Unorganized Territory 37.0 km	Grade Drainage Gravel	68,892.38
	N479	Various Provincial Roads L.G.D. of Mystery Lake & Lynn Lake, Town of Leaf Rapids Unorganized Territory 580 km	Calcium Chloride	291,920.51

Table No. C4

Highway No.	Work Order	Location of Project	Nature of Work (km completed)	Expenditure
Miscellaneous				
	N488	Crossing, Leyond River R.M. of Rupertsland	Winter Road	$ 58,932.53
		Various Work Orders Incidental Amounts		27.29
		Bridge Projects (for details see Table No. B1)		797,310.55
			* 639.8	16,814,130.80

* Nature of Work completed in km

Grading	245.1
Gravelling	206.7
Base Course	76.6
Calcium Chloride	16.4
Asphalt Surface Treatment	95.0
	639.8

Table No. C6

WINTER TRUCK ROADS
CONSTRUCTION AND MAINTENANCE
APPROPRIATION 15-2B-1 & 15-2B-2

Work Order No.	Location	Project Kilometres	Description of Work	Expenditure
CWT 904	Vicinity of Split Lake - York Landing	32	Construction & Maintenance	$ 54,546.90
908	South Bay - South Indian Lake	14	Construction & Maintenance	37,734.28
967	Hole River - Red Sucker Lake	831	Construction & Maintenance	9,374.59
970	Hole River - Red Sucker Lake	822	Construction & Maintenance	1,628,564.40
971	Cross Lake - Oxford House	92	Construction & Maintenance	149,022.84
972	Cross Lake - Oxford House	50	Construction & Maintenance	92,514.26
973	Oxford House - God's Lake Narrows	36	Construction & Maintenance	65,416.22
974	East Channel Nelson River Cross Lake - Oxford House	64	Construction & Maintenance	126,898.27
975	York Landing To Ilford	32	Construction & Maintenance	45,759.76

Table No. C6

Work Order No.	Location	Project Kilometres	Description of Work	Expenditure
CWT 976	Oxford House - God's Lake Narrows	55	Construction & Maintenance	$ 112,086.35
977	Sea River Falls		Construction & Maintenance	8,820.68
978	Winter Road Routes		Payment of Consultant	900.00
				*$2,331.638.55

Appropriation Summary

15-28-1	92,281.18
15-28-2	2,239,357.37
	$2,331,638.55

BRIDGES AND TRANSPORTATION STRUCTURES CONSTRUCTED, RECONSTRUCTED AND REPAIRED INCLUDING OPERATION OF FERRIES APPROPRIATIONS 15-2A & 15-7A

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
15-2A Provincial Trunk Highways and Provincial Roads				
2 & 13	0821	Elm Creek R.M. of Grey	Bridge Maintenance Supply & Installation of Guardrail	$ 20,487.34
8	0823	Grassmere Drain R.M. of West St. Paul	Bridge Maintenance Repair Substructure	1,478.98
12	0825	Cloverleaf Drain & Devil's Creek R.M. of Springfield & R.M. of Brokenhead	Bridge Maintenance Repair Guardrail & Posts	3,119.55
23	0822	Red River R.M. of Morris	Bridge Maintenance Re-position Rocker Bearings	2,977.19
100	0827	Letellier Overpass City of Winnipeg	Bridge Maintenance Concrete Repairs to Girders	4,591.11
100 & 101	0806	Perimeter Route Structures	Bridge Maintenance	9,629.27
221	0817	Colony Creek R.M. of Rosser	Bridge Maintenance Repair Railing	326.29
233	0820	Washow Bay Drain R.M. of Bifrost	Bridge Maintenance Repair Substructure	4,368.35
250	0810	Assiniboine River R.M. of Daly	Bridge Maintenance Repair Truss Deck	2,785.06
251 & 341	0826	Antler River & Little Pembina River R.M. of Arthur & R.M. of Morton	Bridge Maintenance Repair Stringers	2,548.53
304	0811	Sandy River E.D. of Rupertsland	Bridge Maintenance Repair Substructure	6,274.84

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
325	0814	East Branch Fisher R. L.G.D. of Fisher	Bridge Maintenance Repair Guardrail & Posts	$ 776.35
329	0816	Icelandic River R.M. of Bifrost	Bridge Maintenance Repair to Pile Bents	2,039.47
334	0818	Assiniboine River City of Winnipeg	Bridge Maintenance Repair Guardrail	1,528.13
468	0819	Willow Creek R.M. of Cornwallis	Bridge Maintenance Install Ice Breakers	3,105.75
Miscellaneous				
	0800	City of Winnipeg	Bridge Yard Maintenance Midland Street	16,257.10
	0801	R.M. of Brokenhead	Maintenance of Bridge Yard & Buildings Beausejour	19,004.67
	0802	R.M. of Dauphin	Bridge Yard Maintenance Dauphin	5,232.31
	0803	R.M. of West St. Paul	Maintenance of Explosive Magazine Yard	245.00
	0804	Various	Bridge Maintenance Patching Decks	131,729.72
	0805	Various	Bridge Maintenance Painting Bridges	302,419.99
	0807	Various	Bridge Maintenance Inspection of Bridges & Structures, P.T.H.'s	15,318.20
	0808	Various	Bridge Maintenance Inspection of Bridges & Structures, P.R. 's	12,941.11
	0809	Various	Bridge Maintenance Installation of Lateral Restraint Rods	41,340.46

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
	0812		Repair, Clean & Galvanize Bailey Bridge Parts	$ 27,867.24
	0813	Nelson River at Norway House E.D. of Rupertsland	Bridge Maintenance Repair Guardrail Posts & Blocks	1,785.01
	0815	Fisher River E.D. of Interlake	Bridge Maintenance Repairs to Truss	1,032.54
			Maintenance	641,209.56
340	0824	Assiniboine River R.M. of South Cypress	Operation & Maintenance of Treesbank Ferry	40,016.05
			Ferries	40,016.05
15-7A Provincial Trunk Highways				
1	8217	Fish Creek R.M. of Tache	Re-construction of Superstructure in North Service Road	12,504.67
5	8188	Gilbert Creek R.M. of Grandview	Construction of a Reinforced Concrete Box Culvert	173,822.43
	8205	Greer Creek R.M. of Grandview	S.P.C.M.P. Arch Culvert Extensions	26,122.49
5 & 10	8053	Vermilion River R.M. of Dauphin	Completion of a 84.98 m long Reinforced Concrete Bridge	10,563.06
10	8049	Smith Creek L.G.D. of Mountain	Construction of a 20.6 m long Reinforced Concrete Bridge	329,922.67
	8081	Birch River E.D. of Swan River	Bridge Modifications	62,462.12
	8185	Little Saskatchewan River R.M. of Minto	Deck Resurfacing; Construction of New Curbs & Railing	200,595.22

Highway	Work Order No.	Location	Description of Work	Expenditure
16	8119	Creek R.M. of Langford	Construction of a Reinforced Concrete Box Culvert	$ 97,163.20
23	8216	Rat River R.M. of De Salaberry	Construction of a 31.39 m long Reinforced Concrete Bridge	300,460.98
	8827	Graham Creek R.M. of Roland	Construction of a 32.394 m long Reinforced Concrete Bridge	325,211.23
59	8054	Cooks Creek R.M. of St. Clements	Completion of a 51.322 m long Reinforced Concrete Bridge	143,531.68
	8208	Red River Floodway R.M. of Ritchot	Deck Resurfacing	300,210.72
59 & 101	8218	Perimeter Structure R.M. of East St. Paul	Diamond Grooving of Concrete Deck & Approach Slab	18,605.52
75 Access	8206	Red River Floodway Inlet Control Structure City of Winnipeg	Deck Resurfacing & Superstructure Painting	150,803.87
Miscellaneous				
	8015	Various	General Engineering	32,587.30
	8016	Various	Subsurface Soil Exploration	31,338.73
			Provincial Trunk Highways	2,215,905.89
15-7A Provincial Roads				
201	7311	South Ditch R.M. of Rhineland	Construction & Extensions to Two Treated Timber Access Bridges	87,033.31
231	7047	North Ditch R.M. of Gimli	Construction of a Treated Timber Access Bridge	22,256.17

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
234	6952	Sugar Creek R.M. of Bifrost	Completion of a Standard Precast, Prestressed Concrete Girder Bridge	$ 31.95
254	7307	Drain R.M. of Russell	Construction of a Standard Precast, Prestressed Concrete Girder Bridge	55,931.72
265	7317	Snake Creek R.M. of Rosedale	Construction of a Standard Precast, Prestressed Concrete Girder Bridge	55,884.16
316	6957	East Backmann Drain R.M. of Brokenhead	Completion of a Treated Timber Bridge using Salvaged Stringers & Decking	7,529.75
332	7117	Rehill Drain R.M. of Morris	Construction of a Treated Timber Bridge	51,046.68
340	7201	Oak Creek Tributary R.M. of Strathcona	C.M.P. Arch Culvert Construction	10,271.89
352	7293	Natural Run R.M. of North Cypress	S.P.C.M.P Culvert Construction	40,950.24
364	6951	Mossy River R.M. of Mossey River	Completion of Construction of a 99.692 m long Reinforced Concrete Bridge	262,003.47
	7316	Mossy River R.M. of Mossey River	Construction of a New Deck & Sidewalk to Truss Bridge	27,386.42
435	6950	Brokenhead River R.M. of Brokenhead	Completion of Construction of a 76.6 m long Reinforced Concrete Bridge	178,898.32

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
462	7306	Glenella Drain R.M. of Glenella	Construction of a 12.04 m long Reinforced Concrete Bridge	$ 96,717.22
	7309	Glencairn Drain R.M. of McCreary	Construction of a Treated Timber Bridge using Salvaged Stringers	47,704.01
488	6953	Minitonas Creek R.M. of Minitonas	Completion of Construction of a 36.286 m long Standard Precast, Prestressed Concrete Girder Bridge	8,044.61
491	7313	Drifting River R.M. of Dauphin	Construction of a 36.286 m long Standard Precast, Prestressed Concrete Girder Bridge	113,926.84
588	7314	Swan River R.M. of Swan River	Construction of a 61.6 m long Reinforced Concrete Bridge	519,977.56
701	6961	Red River R.M. of St. Andrews & St. Clements	Consulting Engineering Services	511,296.77
	7246	Red River R.M. of St. Andrews & St. Clements	Construction of Three River Piers & One Shore Pier of an 849.04 m long Reinforced Concrete & Steel Bridge	1,901,796.98
Miscellaneous				
	6913	Various	General Engineering	71,909.34
	6914	Various	Subsurface Soil Exploration	71,028.82
			Provincial Roads	4,141,626.23
15-7A Northern Roads				
10	N481	Bakers Narrows East Channel E.D. of Flin Flon	Construction of a 69 ft. long Reinforced Concrete Bridge	300,094.51

Table No. B1

Highway	Work Order No.	Location	Description of Work	Expenditure
Thompson Gillam Road	N484	South Moswaka River E.D. of Churchill	Construction of S.P.C.M.P. Culverts at two Sites	$ 390,412.94
	N486	Assean River E.D. of Churchill	Construction of an 160 ft. Steel Truss Bridge	106,803.10
			Northern Roads	797,310.55

Appropriation Summary

15-2A	Maintenance	$ 641,209.56	
	Ferries	40,016.05	
		681,225.61	$ 681,225.61
15-7A	P.T.H.	2,215,905.89	
	P.R.	4,141,626.23	
	Northern Roads	797,310.55	
		7,154,842.67	7,154,842.67
		GRAND TOTAL	$7,836,068.28

MAINTENANCE CONTINGENCIES
PROVINCIAL TRUNK HIGHWAYS
APPROPRIATION 15-2A

Table No. M1

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
1 & 100	726	Portage Avenue Interchange	Slide Repairs	$ 6,761.88
9	721	P.R. No. 321 to South District Boundary 12.9 km	Bituminous Repairs	21,251.36
10 & 631	708	P.T.H. No. 10 and Vicinity of Wanless	Install Culverts	5,168.16
10	716	North of The Pas	Repair Traffic Inspection Station	8,620.19
17 & 325	719	Fisher Branch to Hodgson 20.0 km	Bituminous Repairs	6,119.24
44 & 307	734	Various Locations in Whiteshell Park	Brushing Right-of-Way	11,451.86
49 & 83	718	Vicinity of Benito	Bituminous Repairs	14,953.29
50	709	Jct. P.R. No. 278 to Alonsa 8.0 km	Base and Sub-Grade Repairs	26,446.70
75	729	2.4 km North of P.R. No. 429	Construct Portable Scale Site	32,432.83
100	706	N.W. Quadrant of the Pembina Interchange	Asphalt Curb, Rail & Slope Repairs	8,696.47
				141,901.98

MAINTENANCE SPECIAL PROJECTS
PROVINCIAL TRUNK HIGHWAYS
APPROPRIATION 15-2A

Table No. M2

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
1	511	Virden - Saskatchewan Boundary 42.0 km	Bituminous Repairs	$ 40,383.77
	578	Jct. P.T.H. No. 10 & P.T.H. No. 1A	Bituminous Repairs	5,518.98
	629	P.T.H. No. 16 - P.T.H. No. 26 32.0 km	Concrete Repairs	70,876.36
	630	C.N.R. & C.P.R. Overpasses & the Portage Diversion Bridge 0.5 km	Asphalt Overlay	28,085.96
	653	P.T.H. No. 16 - Yellowquill Trial 16.5 km	Concrete Repairs	66,265.10
	660	P.T.H. No. 26 - P.R. No. 248 19.3 km	Rout & Fill Transverse Cracks	50,261.07
	663	P.T.H. No. 26 Easterly 1.0 km	Remove & Replace Concrete Panels	9,449.06
	668	At the Jct. of P.R. No. 248	Supply & Erect New Signs	15,028.96
1E & 100	579	Various locations in the Winnipeg Area	Patching Concrete with Asphalt	30,634.19
1W & 101	585	Various locations in the Winnipeg Area	Patching Concrete with Asphalt	29,628.77
2	514	P.T.H. No. 18 - P.T.H. No. 10	Bituminous Repairs	53,658.53
	588	2 kms West of P.T.H. No. 3	Random Crack Repairs	19,831.18
	605	P.R. No. 244 - West Boundary of District 3 3.0 km	Spot Seal Coating	28,393.70
2 & 3	589	On P.T.H. No. 2 from P.T.H. No. 3 - P.R. No. 334 on P.T.H. No. 3 from Winnipeg - P.T.H. No. 100	Shoulder Restoration	43,232.12

Table No. M2

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
3	603	Brunkild Easterly 5.0 km	Shoulder Restoration	$ 22,889.68
	643	Oak Bluff - Carman 62.6 km	Plow & Fill Tranverse Joints	48,031.50
5	516	P.T.H. No. 1 - N.E. 18-12-14W. 13.0 km	Seal Coat	83,692.30
	541	Assiniboine River - Carberry Industrial Park	Shoulder Repairs	20,690.22
	543	P.T.H. No. 3 - P.T.H. No. 23 37.4 km	Seal Coat	234,536.24
5 & 23	666	Various locations in the Belmont Area	Bituminous Repairs	54,883.46
6	536	Devils Lake North 32.0 km	Bituminous Repairs	61,492.94
	537	P.R. No. 513 North 34.0 km	Rock Clean-up	6,218.24
	538	Vicinity of Williams River 5.0 km	Drainage Improvements	11,698.84
	611	Vicinty of Minago River	Bituminous Levelling	18,144.37
	656	P.R. No. 513 - 32.0 km North 32.0 km	Bituminous Repairs	68,273.13
7	625	P.T.H. No. 17 - P.R. No. 229 14.4 km	Bituminous Repairs	31,232.95
	650	P.T.H. No. 68 - P.R. No. 229 44.3 km	Bituminous Repairs	44,997.86
7, 8 & 9	565	Various locations in the Vicinity of Winnipeg	Bituminous Repairs	31,405.75
8	547	P.R. No. 229 - P.T.H. No. 68 44.3 km	Bituminous Repairs	6,599.67
	582	Northumberland Drain - Grassmere Drain	Drainage Improvements	16,885.03
	592	P.R. No. 220 - North Boundary of District 12	Random Crack Repairs	28,472.69

Table No. M2

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
8	636	P.R. No. 230 - P.R. No. 229 48.0 km	Bituminous Repairs	$134,717.03
9	581	Winnipeg - P.T.H. No. 44	Shoulder Restoration	40,511.13
	635	P.T.H. No. 44 - Little Britain Road 1.6 km	Bituminous Repairs	16,874.71
10	513	South Jct. P.T.H. No. 2 - Brandon	Shoulder Stabilization	10,431.93
	556	8.0 km South of Overflowing River	Culvert Installation	4,707.91
	562	Red Deer River - Overflowing River	Bituminous Repairs	33,002.13
	568	Atik - P.R. No. 391	Shoulder Restoration	15,119.08
	571	Cranberry Portage - Flin Flon	Shoulder Restoration	5,826.79
	572	Cranberry Portage - Flin Flon	Bituminous Levelling	21,482.99
	577	Through "The Bog" Area 22.0 km	Bituminous Levelling	25,544.42
	622	P.T.H. No. 16 - South Boundary of District 7	Rout & Crack Fill	94,689.91
12	521	P.T.H. No. 1 - North Boundary of District 2 11.1 km	Shoulder Restoration	3,556.41
	529	P.R. No. 310 - U.S.A. Boundary 30.2 km	Rout & Crack Fill	55,587.54
12 & 52	527	P.T.H. No. 12 thru Steinbach P.T.H. No. 52 from P.T.H. No. 12 - the Mtce. Yard 7.3 km	Bituminous Repairs	16,019.62
13	599	Carman - P.T.H. No. 2 20.0 km	Rout & Crack Fill	64,930.84
15	532	Elma - Contour 16.0 km	Bituminous Repairs	22,930.35

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
16	623	Neepawa - Minnedosa Various Locations	Bituminous Repairs	$ 28,101.51
	655	P.T.H. No. 16A - P.T.H. No. 10 1.6 km	Rout & Crack Fill	11,597.17
17	550	P.R. No. 229 - P.R. No. 231 24.1 km	Bituminous Repairs & Re-Seal	162,775.06
	648	P.T.H. No. 7 - North Boundary of District 6 12.5 km	Bituminous Repairs	28,254.73
20	503	East of Sections 11,14,23, 26-26-19W. 6.4 km	Drainage Improvements	7,617.20
	641	P.T.H. No. 5 - N.E. Corner of 1-25-18W. 13.2 km	Seal Coat	92,560.94
	642	P.T.H. No. 20A - Dauphin Beach 11.2 km	Bituminous Repairs	45,366.39
29 & 75	526	Emerson Park	General Maintenance	16,738.96
32	597	South Jct. of P.R. No. 201 - 4.8 km South 4.8 km	Shoulder Restoration	25,655.71
41	593	P.T.H. No. 1 - North Boundary of District 5 35.0 km	Seal Coat	237,540.02
42	645	P.T.H. No. 83 - P.T.H. No. 16	Seal Coat Wheel Paths	13,022.18
44	533	P.R. No. 301 - P.R. No. 307 30.2 km	Bituminous Repairs	76,097.68
	659	P.T.H. No. 9 - East of C.N.R. Tracks 3.3 km	Bituminous Repairs & Crack Filling	41,900.99

Table No. M2

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
45	620	P.T.H. No. 10 - 4.8 km West of P.R. No. 250 27.0 km	Seal Coat	$174,247.20
	646	P.R. No. 476 - P.R. No. 478	Bituminous Repairs	7,550.21
52	524	P.T.H. No. 12 - P.T.H. No. 59 21.4 km	Bituminous Repairs	17,304.55
59	664	P.R. No. 212 - South Boundary of District 1 7.2 km	Rout & Crack Fill	21,030.68
67	649	P.T.H. No. 7 - East Boundary of District 6 9.6 km	Rout & Crack Fill	11,943.67
68	552	P.T.H. No. 8 - P.R. No. 326 9.0 km	Bituminous Repairs	48,267.55
83	561	P.T.H. No. 49 - Durban	Sand Seal Coat	19,517.66
100	580	P.T.H. No. 75 - P.T.H. No. 3	Rout & Crack Fill	45,159.95
	587	P.T.H. No. 3 - P.T.H. No. 1E	Concrete Repairs	167,919.69
	662	P.R. No. 241 - P.R. No. 427	Concrete Repairs	17,376.38
101	590	P.T.H. No. 1E - P.T.H. No. 15	Concrete Repairs & Random Crack Repairs	29,549.87
101	661	P.T.H. No. 6 - P.T.H. No. 8	Concrete Repairs	31,442.35
				$ 3,225,863.71

MAINTENANCE CONTINGENCIES — Table No. M4
PROVINCIAL ROADS
APPROPRIATION 15-2A

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
201	730	N.W. 1-2-8E. - P.R. No. 218 45.8 km	Bituminous Repairs	$ 36,928.77
224	710	Dallas - Fisher Bay 13.0 km	Bituminous Repairs	19,585.08
244 & 432	724	P.T.H. No. 2 - P.T.H. No. 23 and P.T.H. No. 23 - 8.8 km South of Morden 37.6 km	Bituminous Repairs	55,154.78
245	717	P.T.H. No. 1 - 4.0 km North 4.0 km	Culvert Installation	9,745.01
305 & 332	712	P.R. No. 332 - P.R. No. 330 & P.T.H. 3 - P.R. No. 247 3.5 km	Remove Drift Soil From Ditches	7,070.83
307	711	Vicinity of Otter Falls	Shoulder Repairs and Rip-Rap	11,417.73
317	720	Vicinity of Lac du Bonnet	Drainage	6,197.36
330	727	P.T.H. No. 100 - La Salle 10.0 km	Bituminous Repairs	11,362.85
366	704	East of Sec. 2-37-26W.	Washout Repairs	6,174.50
	705	East of Sec. 25-35-26W.	Dyke Repairs	3,133.12
391	715	At Thompson	Sodding Boulevard	3,499.23
	722	Vicinity of Wabowden	Claim Settlement Weber vs. Little & Government of Manitoba	37,135.00
457	714	P.T.H. No. 1A (First St.) - P.R. No. 340 16.7 km	Shoulder Restoration	26,008.34
476	728	U.V.D. of Angusville	Catch Basin Covers	2,162.00

Table No. M4

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
Various	700	Winnipeg	Repair Benkleman Beam Equipment	$ 5,847.41
	701	Various Roads	Concrete Repairs Concrete Joint Seal & Pavement Joint Seal	54,563.70
	702	Various Roads	Mobilization of Seal Coat Crews	11,997.26
	723	Various Abandoned Railroad Right-of-Ways	Chemical Brush Control	755.47
	732	Angusville Area	Gravelling	19,488.83
McCreary Yard	707	Maintenance Yard	Grader Shed Foundation Repair	5,747.07
Morden Yard	713	Maintenance Yard	Repairs to Calcium Shed	3,144.76
Sign Truck	725	Brandon	Construct Sign Truck Flat Deck	8,582.52
Morden & Carman Yards	731	Morden & Carman	Purchase & Install Overhead Doors in Snowplow Sheds	11,558.02
Swan River Yard	733	Maintenance Yard	Electrical Work & Insulating Sign Shop	12,008.52
				$ 369,268.16

MAINTENANCE SPECIAL PROJECTS
PROVINCIAL ROADS
APPROPRIATION 15-2A

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
200, 311 & 5	525	St. Adolphe - P.R. No. 305, Niverville - P.R. No. 200, P.T.H. No. 75 - P.R. No. 200 21.0 km	Bituminous Repairs and Seal Coat	$163,107.98
201	517	P.T.H. No. 75 - P.R. No. 200 11.1 km	Shoulder Restoration	5,787.48
	528	P.T.H. No. 59 - P.R. No. 208 20.4 km	Bituminous Repairs	12,411.50
	614	P.R. No. 218 - P.R. No. 200 10.5 km	Bituminous Repairs	28,202.64
201, 248, 338 & 428	596	Various Locations in the Winkler - Morden Area	Gravel Spot Treatment	24,534.06
205 & 216	522	P.T.H. No. 12 - P.T.H. No. 59 & P.T.H. No. 52 - P.R. No. 303 32.6 km	Shoulder Restoration	10,997.18
206	519	P.R. No. 207 - P.R. No. 311 13.2 km	Bituminous Repairs	26,626.67
220, 321 & 409	591	P.T.H. No. 8 - P.R. No. 321, P.T.H. No. 8 - P.R. No. 220, P.T.H. No. 101 - P.R. No. 220 19.4 km	Seal Coat	159,757.64
221 & 241	583	Vicinity of Winnipeg	Bituminous Repairs	79,973.76
	584	Vicinity of Winnipeg	Shoulder Restoration	50,903.11
222	548	Gimli - Camp Morton 8.4 km	Bituminous Repairs	27,463.15
227 & 249	631	P.R. No. 240 - P.T.H. No. 16 30.1 km	Gravelling	19,952.00

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
229	549	P.T.H. No. 8 - P.T.H. No. 17 32.5 km	Bituminous Repairs	$ 33,427.25
230	638	P.T.H. No. 8 - P.T.H. No. 9 10.6 km	Seal Coat	24,155.20
233	551	Hecla Island Provincial Park 24.3 km	Gravelling	29,660.19
235	507	North of N.E. 6-24-14W. 1.2 km	Drainage Improvements	4,767.92
	647	Eddystone - Lonely Lake Drain 11.0 km	Base & Subgrade Repairs	5,240.78
240	606	P.R. No. 245 - 5.0 km North 5.0 km	Stabilizing	8,074.63
241 & 248	626	P.R. No. 248 - St. Eustache, P.T.H. No. 1 - P.T.H. No. 26 14.4 km	Bituminous Repairs	30,053.83
242	628	Bagot - P.R. No. 461 20.5 km	Seal Coat	123,130.14
	651	P.R. No. 461 - 6.5 km South 6.5 km	Seal Coat	37,623.25
245	595	P.T.H. No. 3 - P.R. No. 245 42.9 km	Seal Coat	291,027.24
248	601	P.R No. 247 - P.T.H. No. 2 8.0 km	Gravelling	7,896.00
254 & 259	509	P.R. No. 250 - P.T.H. No. 1 69.6 km	Seal Coat	100.00
254 & 622	644	Village of Rossburn	Bituminous Repairs	8,783.47
255	508	P.R. No. 256 - East 6.0 km	Reshaping	7,297.53
262	617	P.T.H. No. 10 - P.T.H. No. 16	Bituminous Repairs	37,133.65
	618	North of Minnedosa	Drainage	10,255.73

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
266	557	At N.E. Corner 33-38-26W.	Culvert Installation	$ 4,129.75
268	563	Birch River - P.R. No. 587	Bituminous Repairs	26,656.96
274	501	Valley River - North 18.5 km	Bituminous Repairs	9,635.45
	502	Gilbert Plains - South 12.0 km	Bituminous Repairs	20,273.58
276	505	3.2 km North of P.T.H. No. 5 - P.R. No. 364 12.9 km	Bituminous Repairs	29,437.08
279	558	P.R. No. 588 - Whitefish Lake	Drainage	5,483.21
289	569	The Pas - Grace Lake 3.9 km	Seal Coat	18,934.74
304	534	P.T.H. No. 12 - P.T.H. No. 11 36.5 km	Bituminous Repairs	24,739.04
306, 500 & 510	640	Newly declared Provincial Roads 38.8 km	Signing	8,471.66
307	535	P.T.H. No. 11 - P.T.H. No. 44 57.0 km	Bituminous Repairs	58,016.87
308	518	East of 19-2-15E - Moose Lake Entrance 16.9 km	Seal Coat	107,662.98
311	523	P.T.H. No. 59 - P.R. No. 318 4.8 km	Rout and Crack Fill	9,426.66
313	531	P.R. No. 315 - Pointe du Bois 19.0 km	Seal Coat	183,459.12

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
315	530	At Star Creek	Culvert Repair	$ 5,269.12
317	634	P.T.H. No. 11 - P.T.H. No. 12 32.7 km	Bituminous Repairs	14,944.44
320	637	Clandeboye Cut-Off - Phyllis Avenue 10.0 km	Seal Coat	85,346.75
330	604	Domain - P.T.H. No. 100 20.0 km	Bituminous Repairs	19,896.15
332	600	Rosenfeld - P.R. No. 523 9.0 km	Reshape & Gravel	25,061.30
	602	Starbuck - North 3.0 km	Reshape & Gravel	9,916.37
344	512	In Brandon 17th Street - First Street 1.6 km	Seal Coat	21,238.60
351	515	West Junction P.T.H. No. 1 East 15.0 km	Bituminous Repairs	33,605.58
363	500	P.T.H. No. 83 - Saskatchewan Boundary 8.9 km	Bituminous Repairs	10,137.98
366	559	P.R. No. 587 - P.R. No. 268	Gravelling	5,334.92
391	608	Sasaquai Rapids - Thompson Airport	Bituminous Levelling	23,822.91
	609	Leaf Rapids - Lynn Lake	Bituminous Levelling	49,986.87
	610	Ponton - Sasaquai Rapids	Bituminous Levelling	24,255.67
392	574	P.R. No. 391 - Wekusko	Grade Repairs	10,261.41
394	607	Vanderkerckhove - Co-op Point 31.0 km	General Maintenance	7,499.25

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
410	639	P.T.H. No. 9 - P.R. No. 230 2.4 km	Seal Coat	$ 17,083.85
418	540	P.R. No. 417 - P.R. No. 235 20.0 km	Picking Stones	6,459.42
466	654	P.R. No. 471 - P.R. No. 265 6.4 km	Grade & Gravel	8,416.56
480	504	P.T.H. No. 5 - Makinak 8.0 km	Bituminous Repairs	10,067.05
486, 487 & 588	615	Various Locations in the Swan River Area	Gravelling	22,811.66
508	652	P.R. No. 212 - 9.0 km North 9.0 km	Seal Coat	123,187.40
586	560	P.T.H. No. 83 - P.R. No. 486	Gravelling	21,631.43
610	570	P.T.H. No. 10 - Manfor Plant	Bituminous Levelling	12,922.43
620	553	St. Laurent Access 7.7 km	Bituminous Repairs	5,711.94
Various	544	Various Locations in District 4	Spot Seal Coat	86,189.24
	545	International Peace Gardens	General Maintenance	7,104.22
	567	Winnipeg Area	Spot Seal Coat	153,203.18
	575	Various Roads in District 10	Mechanical Brushing	29,890.97
	616	Various Locations in District 7	Seal Coat Wheel Paths	48,219.75
	619	Various Locations in District 7	Spot Gravel	8,185.11
	665	Various Locations in Districts 9 & 10	Brush Spraying	103,007.35
Swan River Yard	544	Maintenance Yard	Construct a New Entrance	7,888.94

Table No. M5

Highway	Work Order No.	Location of Project	Nature of Work	Expenditure
San Clara Yard	555	Maintenance Yard	Construct a Salt Storage Bin	$ 6,432.43
Manfor Roads	564	Various Locations	General Maintenance	64,332.08
Herb Lake Access Road	573	P.R. No. 392 - Herb Lake Landing	Grade Repairs	7,385.03
The Bog Maint-enance Yard	576	North end of The Bog	Replace Roof on Office Complex	9,020.09
Westbourne & Poplar Pt. Yards	633	Maintenance Yards	Supply & Erect Fuel Depots	12,958.66
Poplar-Field Yard	657	Maintenance Yard	Construct a Salt Storage Bin	12,151.98
Ashern Yard	658	Maintenance Yard	Construct a Salt Storage Bin	11,315.62
MacGregor Farm Yard	667	Maintenance Yard	Construct a Salt Storage Bin	11,398.46
Rivers & Elkhorn Yards	510	Maintenance Yards	Supply & Erect Fuel Depots	13,360.87
				$2,941,584.12

Table No. M7

MAINTENANCE EXPENDITURES
PROVINCIAL TRUNK HIGHWAYS AND PROVINCIAL ROADS
APPROPRIATION 15-2A

	Provincial Trunk Highways	Provincial Roads	Total
Summer Maintenance	$ 9,009,701.11	$16,953,965.51	$25,963,666.62
Winter Maintenance	6,261,840.74	7,472,703.20	13,734,543.94
Bridge	422,171.40	219,038.16	641,209.56
Special Projects	3,225,863.71	2,941,584.12	6,167,447.83
Contingencies	141,901.98	369,268.16	511,170.14
Sub Total	19,061,478.94	27,956,559.15	47,018,038.09
Vacation and Sick Leave			2,685,631.13
Maintenance Management			245,352.69
Ferries			40,016.05
Administrative Overheads			(193,655.49)
Maintenance Materials Holding Account			284,657.70
Total			$50,080,040.17

Table No. M8

MAINTENANCE
PROVINCIAL TRUNK HIGHWAYS
APPROPRIATION 15-2A

Highway	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
1	465.4	$1,253,553.97	$ 972,227.36	$2,225,781.33	$4,783
1A	30.7	84,854.46	159,509.90	244,364.36	7,960
2	314.9	328,664.06	225,092.42	553,756.48	1,759
3	396.7	605,550.82	204,866.64	810,417.46	2,043
3A	11.3	15,998.37	5,494.15	21,492.52	1,902
5	400.6	427,710.20	301,033.45	728,743.65	1,819
5A	6.6	10,737.24	24,716.42	35,453.66	5,372
6	588.4	478,129.48	421,784.15	899,913.63	1,529
7	104.6	155,129.31	72,523.39	227,652.70	2,176
8	117.2	178,974.37	75,654.47	254,628.84	2,173
9	84.5	129,802.08	114,300.72	244,102.80	2,889
9A	7.7	30,012.32	76,657.62	106,669.94	13,853
10	723.1	789,579.58	725,219.69	1,514,799.27	2,095
10A	12.1	44,591.90	59,413.07	104,004.97	8,595
11	146.8	218,772.60	122,437.06	341,209.66	2,324
12	259.3	286,384.98	283,275.33	569,660.31	2,197
13	50.4	45,663.54	50,464.11	96,127.65	1,907
14	50.4	66,963.57	31,280.13	98,243.70	1,949
15	75.5	92,433.04	64,239.71	156,672.75	2,075
16	260.7	322,236.69	159,147.94	481,384.63	1,847
16A	9.0	7,404.89	23,042.81	30,447.70	3,383
17	107.5	179,007.99	41,096.99	220,104.98	2,047
18	55.4	53,885.87	28,874.93	82,760.80	1,494
19	5.0	7,858.18	1,391.98	9,250.16	1,850
20	169.9	171,448.12	101,509.36	272,957.48	1,607
20A	5.1	4,856.49	19,375.26	24,231.75	4,751
21	176.2	122,131.46	72,434.67	194,566.13	1,104
22	20.9	20,945.77	28,906.69	49,852.46	2,385
23	266.8	390,256.31	175,865.39	566,121.70	2,122
24	80.5	100,836.99	27,138.72	127,975.71	1,590
25	28.2	23,782.54	18,060.94	41,843.48	1,484
26	64.4	65,402.15	56,404.29	121,806.44	1,891
27	2.9	8,586.70	9,259.26	17,845.96	6,154
29	0.5	444.17	3,054.20	3,498.37	6,997
30	21.9	17,444.70	20,487.89	37,932.59	1,732
31	22.7	13,975.20	13,509.10	27,484.30	1,211
32	22.7	39,396.79	15,202.35	54,599.14	2,405
34	124.2	122,959.49	72,608.66	195,568.15	1,575
41	70.6	92,671.62	30,091.83	122,763.45	1,739
42	52.5	82,480.35	39,878.50	122,358.85	2,331

Table No. M8

Highway	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
44	118.9	$ 184,903.08	$ 181,633.56	$ 366,536.64	$3,083
45	106.1	93,645.83	35,818.85	129,464.68	1,220
49	1.6	8,009.69	1,475.09	9,484.78	5,928
50	123.4	171,188.72	63,380.70	234,569.42	1,901
52	35.1	57,476.25	69,826.96	127,303.21	3,627
57	1.6	1,989.60	2,772.87	4,762.47	2,977
59	189.9	283,916.11	215,980.69	499,896.80	2,632
67	45.1	43,668.66	36,970.94	80,639.60	1,788
68	81.1	73,532.64	31,686.04	105,218.68	1,297
75	91.7	119,470.50	152,252.66	271,723.16	2,963
83	333.1	410,701.79	185,596.51	596,298.30	1,790
89	10.0	50,027.65	12,620.99	62,648.64	6,265
100	39.9	235,523.74	202,073.93	437,597.67	10,967
101	40.2	184,128.49	122,219.40	306,347.89	7,621
	6 631.5	$9,009,701.11	$6,261,840.74	$15,271,541.85	$2,303

*The "Cost per km" is rounded off to the nearest dollar and includes overheads

Table No. M9

MAINTENANCE
PROVINCIAL ROADS
APPROPRIATION 15-2A

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
200	Emerson - P.T.H. No. 100	95.7	$128,875.38	$ 85,593.75	$214,469.13	$2,241
201	Piney - P.T.H. No. 34	233.5	274,600.41	140,224.02	414,824.43	1,777
202	Birds Hill - Lockport	15.0	16,078.82	4,150.23	20,229.05	1,349
203	Piney - Woodridge - P.T.H. No. 12	46.3	46,837.82	14,234.58	61,072.40	1,319
204	P.T.H. No. 101 - East Selkirk	29.6	56,908.85	52,111.74	109,020.59	3,683
205	Sarto - Sperling	81.4	121,804.92	67,500.58	189,305.50	2,326
206	P.T.H. No. 52 - Lockport	59.9	57,079.28	41,196.43	98,275.71	1,641
207	East of Ste. Anne - P.T.H. No. 1E. - P.R. No. 213	57.1	77,262.15	96,013.62	173,275.77	3,035
209	Vita - Emerson	44.6	57,192.88	20,481.62	77,674.50	1,742
210	P.T.H. No. 12 - Ste. Anne - Ile des Chenes	111.2	149,594.59	102,290.78	251,885.37	2,265
211	Pinawa - P.T.H. No. 11	14.0	5,045.03	14,955.46	20,000.49	1,429
212	P.R. No. 206 - East Selkirk	23.7	39,589.48	18,288.54	57,878.02	2,442
213	Hazelridge - P.T.H. No. 59	25.9	34,214.50	24,654.91	58,869.41	2,273
214	P.T.H. No. 44 - Milner Ridge - P.T.H. No. 11	25.9	15,193.92	12,193.81	27,387.73	1,057
215	Beausejour - P.T.H. No. 12	9.8	5,774.79	38,269.80	44,044.59	4,494
216	P.T.H. No. 59 - New Bothwell	34.8	26,945.70	16,551.31	43,497.01	1,250
217	Rosa - St. Jean Baptiste	37.8	48,955.62	12,328.73	61,284.35	1,621
218	Ridgeville - St. Malo	29.5	31,873.79	10,803.64	42,677.43	1,447

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
220	P.T.H. No. 9 - P.R. No. 223	20.3	$ 18,433.30	$ 7,170.24	$ 25,603.54	$1,261
221	P.T.H. No. 101 - Rosser - P.T.H. No. 26	48.0	102,996.73	32,946.59	135,943.32	2,832
222	Gimli - Hnausa	42.6	44,315.28	13,384.30	57,699.58	1,354
224	P.R. No. 325 - Fisher Bay	45.1	26,407.60	25,803.31	52,210.91	1,158
225	Whytewold - P.T.H. No. 8	6.3	3,201.58	16,177.26	19,378.84	3,076
226	P.T.H. No. 68 - P.R. No. 233	14.8	9,839.79	4,422.59	14,262.38	964
227	Warren - Westbourne	69.0	145,606.45	35,390.43	180,996.88	2,623
228	P.T.H. No. 8 - P.R. No. 325	14.8	12,858.47	7,894.02	20,752.49	1,402
229	Winnipeg Beach - Clarkleigh	76.1	60,620.52	31,356.14	91,976.66	1,209
230	P.T.H. No. 27 - Selkirk	10.6	27,930.01	22,263.85	50,193.86	4,735
231	Gimli - Narcisse	38.8	45,967.99	16,119.02	62,087.01	1,600
232	Matlock - Winnipeg Beach	10.0	23,192.11	23,564.04	46,756.15	4,676
233	Gull Harbour - Fisher Branch	97.5	130,457.71	34,002.39	164,460.10	1,687
234	Riverton - Matheson Island	104.0	141,991.09	27,612.99	169,604.08	1,631
235	Mulvihill - Lake Manitoba Narrows - Ste. Rose du Lac	128.0	80,893.23	38,607.06	119,500.29	934
236	P.T.H. No. 101 - Balmoral	35.4	62,089.12	9,280.82	71,369.94	2,016
237	Moosehorn - Spearhill	8.7	17,574.26	4,293.77	21,868.03	2,514
238	The River Road - Lockport	10.9	16,235.63	19,082.20	35,317.83	3,240
239	Grahamdale - Steep Rock	20.1	4,407.16	6,673.71	11,080.87	551
240	Darlingford - Delta	123.6	218,308.82	75,782.21	294,091.03	2,379
241	P.T.H. No. 100 - St. Eustache	43.9	90,185.46	70,399.72	160,585.18	3,658
242	Snowflake - Lake Manitoba	153.9	218,727.10	90,417.45	309,144.55	2,009
243	Emerson - Brown	74.8	161,256.59	52,025.19	213,281.78	2,851
244	Manitou - North Rathwell	66.5	96,578.40	55,287.84	151,866.24	2,284
245	Carman - P.R. No. 258	96.1	136,968.22	90,899.77	227,867.99	2,371

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
246	St. Joseph - P.T.H. No. 75 - P.R. No. 200	53.2	$ 75,961.66	$ 28,791.55	$104,753.21	$1,969
247	P.T.H. No. 75 - Elm Creek	64.5	148,551.65	48,263.73	196,815.38	3,051
248	Rosenort - P.T.H. No. 6	142.8	196,428.07	71,644.45	268,072.52	1,877
249	P.T.H. No. 26 - Macdonald	29.6	45,701.31	15,089.02	60,790.33	2,054
250	Souris - Rivers - P.R. No. 359	127.8	100,559.42	56,374.33	156,933.75	1,228
251	Goodlands - Saskatchewan Boundary	57.6	73,266.72	7,115.04	80,381.76	1,396
252	P.T.H. No. 3 - Reston - Hargrave	83.7	93,225.22	11,057.20	104,282.42	1,246
253	Pilot Mound - P.T.H. No. 18	61.3	80,054.05	11,007.17	91,061.22	1,486
254	P.R. No. 251 - Oak Lake - P.T.H. No. 83	260.1	327,980.52	74,189.32	402,169.84	1,546
255	Oak Lake Resort - Saskatchewan Boundary	52.6	78,097.64	9,290.41	87,388.05	1,661
256	United States Boundary-Elkhorn-McAuley	159.3	166,228.88	22,086.97	188,315.85	1,182
257	Virden - Saskatchewan Boundary	37.3	92,775.42	12,146.89	104,922.31	2,813
259	Wheatland - Virden	56.3	93,954.05	16,466.56	110,420.61	1,961
260	P.T.H. No. 16 - Alonsa	72.9	64,372.92	17,800.51	82,173.43	1,127
261	Amaranth - Riding Mountain	52.8	36,188.51	10,827.87	47,016.38	890
262	Junction P.T.H. Nos. 10 & 24 - Riding Mountain National Park	62.6	64,184.08	30,133.79	94,317.87	1,507
263	Scandinavia - P.R. No. 270	29.5	34,641.59	11,936.98	46,578.57	1,579
265	Lake Manitoba - Clanwilliam	93.0	116,217.08	27,674.94	143,892.02	1,547
266	Bowsman - Birch River	23.8	30,874.12	15,173.43	46,047.55	1,935
267	P.T.H. No. 20 - Sifton - P.R. No. 366	50.9	76,942.04	17,887.14	94,829.18	1,863
268	P.T.H. No. 10 - Birch River	45.5	28,032.85	38,068.21	66,101.06	1,453
269	P.R. No. 490 - Ethelbert	68.6	65,462.13	26,127.87	91,590.00	1,335
270	P.T.H. No. 1W. - Basswood - P.R. No. 263	88.8	90,666.97	24,639.93	115,306.90	1,299

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
271	P.T.H. No. 20 - Pine River	32.3	$ 42,229.58	$ 22,148.84	$ 64,378.42	$1,993
272	Camperville - Duck Bay	21.6	17,345.04	5,514.79	22,859.83	1,058
273	Fishing River - P.T.H. No. 10	24.0	25,117.50	8,433.29	33,550.79	1,398
274	P.T.H. Nos. 5 & 10 - Gilbert Plains - Ethelbert	89.0	127,777.87	74,468.96	202,246.83	2,272
275	Swan River - Saskatchewan	23.3	17,443.42	10,881.28	28,324.70	1,216
276	Ste. Rose du Lac - Skownan	114.4	91,430.56	42,915.30	134,345.86	1,174
277	P.T.H. No. 10 - Westgate	41.5	34,588.25	38,204.54	72,792.79	1,754
278	P.T.H. No. 50 - Shergrove	41.7	8,143.97	11,127.21	19,271.18	462
279	Bowsman - Whitefish Lake	32.8	21,484.66	17,965.33	39,449.99	1,203
282	Westray - Carrot River	23.8	21,747.51	6,758.07	28,505.58	1,198
283	The Pas - Saskatchewan Boundary	39.8	47,078.30	15,048.89	62,127.19	1,561
285	Rahl's Island - The Pas	15.3	30,972.99	24,939.25	55,912.24	3,654
287	Clearwater Lake - P.T.H. No. 10	19.0	39,540.61	13,442.23	52,982.84	2,789
289	P.R. No. 285 - Grace Lake	3.9	5,875.49	5,235.40	11,110.89	2,849
291	Flin Flon - Channing Lake	4.5	17,465.01	1,692.89	19,157.90	4,257
300	St. Anne's Road	5.3	12,321.20	6,508.58	18,829.78	3,553
301	Falcon Lake - West Hawk Lake	11.6	10,886.23	9,926.34	20,812.57	1,794
302	La Broquerie - Beausejour	103.0	171,135.45	35,822.43	206,957.88	2,009
303	La Broquerie - P.R. No. 200	52.9	103,827.05	31,724.14	135,551.19	2,562
304	P.T.H. No. 59 - Wadhope	202.1	183,428.57	111,553.20	294,981.77	1,460
305	P.T.H. No. 59 - Ste. Agathe - Junction P.T.H. Nos. 1 & 16	150.3	309,022.09	84,863.63	393,885.72	2,621
306	P.T.H. No. 15 - Garson	42.3	57,549.57	17,843.60	75,393.17	1,782
307	P.T.H. No. 44 - Seven Sisters Falls	78.2	39,160.87	48,206.91	87,367.78	1,117
308	Sprague - East Braintree	102.4	88,495.45	27,767.06	116,262.51	1,135
309	P.R. No. 307 - Big Whiteshell Lake	12.2	4,341.19	7,878.16	12,219.35	1,002

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
310	United States Boundary - South Junction	4.0	$ 417.41	$ 3,977.65	$ 4,395.06	$1,099
311	Blumenort - P.R. No. 200	45.5	79,227.05	49,298.95	128,526.00	2,825
312	Caddy Lake - P.T.H. No. 44	5.5	18,316.20	6,850.54	25,166.74	4,576
313	Pointe du Bois - P.T.H. No. 11	39.8	46,698.85	27,339.49	74,038.34	1,860
314	P.R. No. 315 - Cat Lake	74.0	71,263.03	22,241.46	93,504.49	1,264
315	P.R. No. 313 - Bird Lake	59.7	55,748.95	23,439.96	79,188.91	1,326
316	P.T.H. No. 44 - Lowland	23.7	35,034.98	5,458.41	40,493.39	1,709
317	Lac du Bonnet - P.T.H. No. 59	50.2	96,317.78	32,726.96	129,044.74	2,571
318	Otterburne - Niverville	11.9	21,890.46	5,611.80	27,502.26	2,311
319	P.T.H. No. 59 - Patricia Beach	6.0	4,889.04	1,642.63	6,531.67	1,089
320	Selkirk - Breezy Point	18.0	34,657.55	41,384.57	76,042.12	4,225
321	P.R. No. 220 - Gross Lake	29.0	39,174.74	16,464.27	55,639.01	1,919
322	Grosse Isle - P.R. No. 415	41.4	48,887.48	8,255.42	57,142.90	1,380
323	P.T.H. No. 7 - Argyle - P.R. No. 248	31.4	53,741.73	17,844.15	71,585.88	2,280
324	Camp Morton - Rembrandt	19.6	29,082.18	2,708.81	31,790.99	1,622
325	P.R. No. 234 - Ashern - P.R. No. 235	125.9	186,014.97	31,530.37	217,545.34	1,728
326	Arborg - P.R. No. 233	16.3	20,847.93	9,371.73	30,219.66	1,854
327	P.T.H. No. 6 - Easterville	64.9	30,251.36	54,595.55	84,846.91	1,307
328	Gypsumville - Waterhen River	63.8	90,089.00	12,560.58	102,649.58	1,609
329	Riverton - Broad Valley	47.8	67,647.81	16,679.26	84,327.07	1,764
330	Morris - P.T.H. No. 100	47.3	148,898.51	21,783.21	170,681.72	3,608
331	Fortier - Portage la Prairie	28.0	36,534.09	16,249.09	52,783.18	1,885
332	Rosenfeld - Dacotah	79.3	194,466.02	55,199.43	249,665.45	3,148
334	Domain - P.T.H. No. 6	57.8	132,640.31	49,599.98	182,240.29	3,153
336	P.R. No. 201 - North of Sperling	54.4	103,759.88	23,422.34	127,182.22	2,338
338	Thornhill - Haywood - P.R. No. 331	90.0	151,032.65	33,976.92	185,009.57	2,056
340	P.T.H. No. 3 - Douglas	101.7	95,313.28	31,863.11	127,176.39	1,251

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
341	Lena - Horton	34.0	$ 24,011.54	$ 8,217.37	$ 32,228.91	$ 948
342	Clearwater - Cypress River	49.7	60,380.46	9,846.41	70,226.87	1,413
343	P.T.H. No. 10 - Dand	36.2	18,195.89	1,389.29	19,585.18	541
344	Dunrea - Wawanesa - Brandon	79.8	147,785.88	57,267.81	205,053.69	2,570
345	P.T.H. No. 21 - Saskatchewan Boundary	65.2	40,735.24	7,133.46	47,868.70	734
346	Wakopa - Nesbitt	58.8	35,438.64	19,277.87	54,716.51	931
347	P.R. No. 348 - Hartney	40.4	38,709.72	9,685.41	48,395.13	1,198
348	Boissevain - P.R. No. 349	69.2	56,685.47	13,727.71	70,413.18	1,018
349	P.T.H. No. 10 - South of Griswold	36.4	34,325.27	5,391.29	39,716.56	1,091
350	P.T.H. No. 34 - MacGregor - Woodside	70.2	116,152.77	32,953.85	149,106.62	2,124
351	Sidney - Camp Hughes	35.2	13,275.33	30,394.96	43,670.29	1,241
352	P.T.H. No. 34 - Edrans - Birnie	92.4	141,031.53	27,500.28	168,531.81	1,824
353	P.T.H. No. 34 - Brookdale - P.T.H. No. 10	67.1	68,319.06	16,757.06	85,076.12	1,268
354	P.T.H. No. 21 - Strathclair - P.R. No. 359	92.4	129,272.87	40,780.96	170,053.83	1,840
355	Minnedosa - Beulah	85.8	103,763.65	25,929.37	129,693.02	1,512
357	Birnie - Erickson	35.6	9,472.10	8,444.92	17,917.02	503
359	P.R. No. 270 - Vista	98.2	130,516.42	38,529.75	169,046.17	1,721
360	McCreary - P.R. No. 235	37.0	41,169.18	6,491.63	47,660.81	1,288
361	McCreary - Mt. Agassiz Ski Resort	6.8	12,194.07	1,675.46	13,869.53	2,040
362	Dauphin - Sifton - P.R. No. 273	39.1	74,405.47	22,066.90	96,472.37	2,467
363	P.T.H. No. 83 - Saskatchewan Boundary	8.9	35,840.19	8,219.34	44,059.53	4,951
364	Rorketon - Winnipegosis	51.3	58,766.28	42,582.14	101,348.42	1,976
365	P.T.H. No. 10 - Steeprock River	29.6	39,409.23	16,259.90	55,669.13	1,881
366	Inglis - Grandview - Birch River	222.2	259,271.98	113,888.86	373,160.84	1,679
367	Garland - P.T.H. No. 83	81.7	111,755.15	40,793.18	152,548.33	1,867

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
373	Sipiwesk Lake - P.R. No. 391	166.7	$390,034.91	$ 83,886.27	$473,921.18	$2,843
375	Paint Lake - P.R. No. 391	6.0	1,619.48	1,534.21	3,153.69	526
391	P.T.H. No. 10 - Thompson - Lynn Lake (Nelson House Road - Ruttan Lake Road excluded)	641.0	945,285.96	547,655.70	1,492,941.66	2,329
392	P.R. No. 391 - Snow Lake	42.8	41,804.77	34,027.76	75,832.53	1,772
393	P.R. No. 392 - Osborne Lake	19.0	11,201.43	11,993.39	23,194.82	1,221
394	Lynn Lake - Co-Op Point	100.9	55,150.85	34,442.41	89,593.26	888
395	Snow Lake - Chisel Lake	13.0	20,431.66	15,241.11	35,672.77	2,744
396	Lynn Lake - Dunphy Lakes	45.4	15,498.79	24,919.04	40,417.83	890
397	Lynn Lake - Eldon Lake	5.5	3,320.73	12,174.77	15,495.50	2,817
398	P.R. No. 394 - Berge Lake	1.8	206.82	-	206.82	115
400	P.R. No. 217 - Dufrost	11.6	7,870.97	1,279.96	9,150.93	789
401	Hoddinott Road	3.1	2,212.41	1,228.17	3,440.58	1,110
402	Sundown - P.T.H. No. 12	10.1	15,697.07	1,292.38	16,989.45	1,682
403	P.R. No. 216 - St. Malo	7.6	18,768.12	6,737.90	25,506.02	3,356
404	P.T.H. No. 12 - East of Marchand	24.1	23,000.41	12,603.00	35,603.41	1,477
405	P.R. No. 206 - Ile des Chenes - P.R. No. 200	16.4	51,305.41	17,475.48	68,780.89	4,194
406	Elma - Whitemouth	9.0	23,250.07	25,873.97	49,124.04	5,458
407	P.R. No. 202 - Henderson Highway	3.7	1,727.55	1,254.00	2,981.55	806
408	P.T.H. No. 11 - Seven Sisters Falls	13.7	21,686.30	15,404.90	37,091.20	2,707
409	P.T.H. No. 101 - P.R. No. 220	4.7	1,237.53	1,225.95	2,463.48	524
410	St. Andrews Church - P.T.H. No. 8	7.1	13,065.91	13,779.69	26,845.60	3,781
411	P.T.H. No. 6 - St. Ambroise	22.9	33,680.89	3,102.02	36,782.91	1,606
412	P.T.H. No. 26 - Warren	18.7	25,700.06	2,988.02	28,688.08	1,534
413	Petersfield - Gunton	19.8	26,752.58	14,868.25	41,620.83	2,102

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
414	P.R. No. 411 - Lake Francis	11.6	$ 17,648.40	$ 2,589.16	$ 20,237.56	$1,745
415	Teulon - St. Laurent	60.5	73,568.29	25,858.36	99,426.65	1,643
416	P.R. No. 415 - Inwood	14.8	28,842.60	1,505.08	30,347.68	2,051
417	Eriksdale - Lake Manitoba	24.6	12,171.79	9,473.84	21,645.63	880
418	Lake Manitoba - West of Mulvihill	29.1	43,224.13	11,116.17	54,340.30	1,867
419	Chatfield - Lake Manitoba	62.9	74,849.37	13,496.35	88,345.72	1,405
420	P.T.H. No. 75 - La Salle	11.9	31,984.72	4,245.26	36,229.98	3,045
421	P.T.H. No. 75 - South of Altona	20.6	25,652.15	11,351.02	37,003.17	1,796
422	P.T.H. No. 23 - Rosenort P.O.	11.6	37,341.24	8,230.31	45,571.55	3,929
423	P.R. No. 244 - Crystal City	37.5	57,667.69	24,839.32	82,507.01	2,200
424	P.T.H. No. 2 - P.R. No. 241	10.2	18,315.08	5,599.15	23,914.23	2,345
425	Saskatchewan Avenue	6.0	28,193.04	27,787.69	55,980.73	9,330
426	P.T.H. No. 1W. - Poplar Point	25.3	31,358.64	9,803.97	41,162.61	1,627
427	Wilkes Avenue - West	12.8	22,419.49	16,602.97	39,022.46	3,049
428	Winkler - Roland	18.3	43,478.09	7,030.61	50,508.70	2,760
430	P.T.H. No. 1W. - St. Ambroise	38.8	92,985.38	12,126.06	105,111.44	2,709
431	St. Leon - P.T.H. No. 23	5.0	8,480.83	11,151.18	19,632.01	3,926
432	P.R. No. 201 - Rosebank	37.5	33,046.33	32,909.02	65,955.35	1,759
433	Wendigo Road	19.6	24,107.53	9,399.35	33,506.88	1,710
434	Lake Minnewasta - Morden	1.4	90.20	-	90.20	64
435	P.T.H. No. 12 - P.R. No. 212	42.3	62,981.92	19,347.51	82,329.43	1,946
440	P.R. No. 253 - Mariapolis	19.2	14,596.23	5,749.48	20,345.71	1,060
441	P.T.H. No. 83 - Elkhorn	13.8	18,295.39	4,065.76	22,361.15	1,620
442	Mather - P.R. No. 342	19.2	10,844.80	5,695.11	16,539.91	861
443	Ninga - Boissevain	13.4	28,529.46	8,501.56	37,031.02	2,764
444	William Lake - P.R. No. 341	8.4	3,578.14	1,412.01	4,990.15	594

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
445	Melita - Saskatchewan Boundary	29.3	$ 7,749.28	$ 4,309.31	$ 12,058.59	$ 412
446	Max Lake - P.T.H. No. 3	12.1	4,478.17	1,452.90	5,931.07	490
447	P.R. No. 254 - Napinka - P.T.H. No. 83	20.1	25,107.06	3,791.22	28,898.28	1,438
448	P.R. No. 343 - Elgin	11.6	5,074.62	1,458.49	6,533.11	563
449	P.R. No. 245 - Holland	16.4	15,219.71	18,956.55	34,176.26	2,084
450	United States Boundary - Whitewater	20.8	15,689.10	5,148.77	20,837.87	1,002
451	Treesbank - P.R. No. 344	5.0	5,567.37	1,193.35	6,760.72	1,352
452	Waskada - Napinka	24.8	57,694.77	1,231.22	58,925.99	2,376
453	Rounthwaite - P.T.H. No. 10	11.4	15,621.99	2,410.24	18,032.23	1,582
454	P.R. No. 346 - West of Souris	9.8	10,810.53	5,673.04	16,483.57	1,682
455	P.T.H. No. 1W. - P.T.H. No. 21	11.3	29,182.39	2,610.06	31,792.45	2,813
457	P.R. No. 340 - Brandon	16.7	2,959.48	6,691.89	9,651.37	578
458	P.R. No. 251 - Melita	19.8	15,609.62	1,088.50	16,698.12	843
459	Brandon - P.T.H. No. 1W.	9.8	32,128.74	5,338.66	37,467.40	3,823
460	Gladstone - P.R. No. 265	20.0	48,554.93	12,122.50	60,677.43	3,034
461	P.R. No. 242 - P.T.H. No. 34	17.5	33,658.49	12,359.05	46,017.54	2,630
462	P.R. No. 265 - Glenella - P.T.H. No. 5	57.2	49,671.81	18,080.30	67,752.11	1,184
463	P.T.H. No. 21 - P.R. No. 254	3.7	5,968.49	442.09	6,410.58	1,733
464	P.T.H. No. 1W. - Brookdale - P.T.H. No. 16	37.7	48,376.07	5,654.79	54,030.86	1,433
465	P.R. No. 258 - Rapid City Junction	29.5	24,968.33	9,714.32	34,682.65	1,176
466	Cordova - North of Franklin	35.6	35,552.81	14,839.52	50,392.33	1,416
467	South of Miniota-Saskatchewan Boundary	32.8	34,199.60	8,543.34	42,742.94	1,303
468	Chater - North of Moore Park	33.1	39,466.53	7,214.44	46,680.97	1,410
469	P.R. No. 354 - Hamiota - P.R. No. 254	26.6	44,173.45	18,152.74	62,326.19	2,343
470	Hamiota - P.R. No. 250	69.5	65,589.35	39,815.17	105,404.52	1,517
471	Neepawa - P.R. No. 250	30.9	33,838.72	10,643.28	44,482.00	1,440

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
472	P.T.H. No. 16 - Vista	17.2	$ 20,539.32	$ 6,661.82	$ 27,201.14	$1,581
473	P.T.H. No. 10 - Newdale	19.6	16,104.78	9,342.18	25,446.96	1,298
474	Arrow River - Solsgirth	44.7	59,369.88	9,921.64	69,291.52	1,550
475	Foxwarren - P.T.H. No. 41	8.4	10,072.21	2,579.49	12,651.70	1,506
476	P.T.H. No. 16 - Angusville-P.R. No. 254	36.0	59,011.46	22,238.48	81,249.94	2,257
477	P.T.H. No. 21 - P.R. No. 254	11.6	14,879.44	2,858.86	17,738.30	1,529
478	Saskatchewan Boundary - Binscarth - North of Inglis	89.3	103,829.67	40,123.52	143,953.19	1,612
479	Angusville - P.T.H. No. 41	18.0	23,602.77	8,490.74	32,093.51	1,783
480	P.T.H. No. 5 - Makinak - Dauphin Lake	61.6	77,327.96	23,028.84	100,356.80	1,629
481	Crane River - P.R. No. 364	43.8	45,832.62	6,832.12	52,664.74	1,202
482	P.T.H. No. 83-Dropmore-P.T.H. No. 5	46.7	15,385.96	21,813.21	37,199.17	797
483	Merridale - P.T.H. No. 83	19.0	15,215.89	12,317.53	27,533.42	1,449
484	P.T.H. No. 5 - North of Makaroff	33.0	33,743.07	16,571.34	50,314.41	1,525
485	P.R. No. 366 (South of Minitonas) - P.R. No. 486	16.4	29,501.22	13,429.81	42,931.03	2,618
486	P.R. No. 586 (South of Durban) - P.T.H. No. 83	26.9	29,723.47	19,285.95	49,009.42	1,822
487	Kenville - P.R. No. 588	15.1	27,683.14	7,928.05	35,611.19	2,358
488	P.R. No. 486 - P.T.H. No. 10 (East of Swan River)	21.6	43,974.75	20,838.09	64,812.84	3,001
489	Garland - P.T.H. No. 20	50.0	49,631.90	21,881.07	71,512.97	1,430
490	P.R. No. 481 (West of Toutes Aides) - P.R. No. 269	12.9	12,656.99	1,442.95	14,099.94	1,093
491	P.R. No. 362 Cross of Freedom	9.2	10,006.37	2,947.40	12,953.77	1,408
500	P.T.H. No. 12 (South Junction)	11.7	26,493.81	8,065.74	34,559.55	2,954
501	Ross - P.T.H. No. 1E.	26.2	16,399.48	17,533.04	33,932.52	1,295

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
502	Lac du Bonnet - P.R. No. 313 - P.T.H. No. 11	9.0	$ 13,348.81	$ 24,543.23	$ 37,892.04	$4,210
503	P.R. No. 308 - P.T.H. No. 1E.	34.6	15,980.56	5,128.12	21,108.68	610
504	Victoria Beach - Lake Winnipeg	2.3	197.04	1,565.96	1,763.00	767
505	Whitemouth River - P.R. No. 503	5.1	2,526.76	984.05	3,510.81	688
506	Prawda - P.T.H. No. 11 - P.T.H. No. 1E.	49.1	47,069.30	7,029.63	54,098.93	1,102
507	P.R. No. 506 - Medika	4.0	3,097.08	1,444.88	4,541.96	1,135
508	East Selkirk - St. Peters Church	12.9	7,652.84	6,686.02	14,338.86	1,112
509	P.T.H. No. 59 - P.R. No. 204	1.6	307.79	1,457.79	1,765.58	1,103
510	P.T.H. No. 44 - P.R. No. 435	8.2	10,313.07	4,311.51	14,624.58	1,783
511	P.R. No. 518 - Oak Point	20.0	34,398.15	22,174.24	56,572.39	2,829
512	P.R. No. 419 - P.T.H. No. 68	15.6	4,440.25	2,799.98	7,240.23	464
513	P.T.H. No. 6 - Gypsumville - Anama Bay	82.7	93,868.50	21,533.52	115,402.02	1,395
514	P.R. No. 235 - South of Ashern	29.5	47,333.13	8,475.40	55,808.53	1,892
515	Clandeboye - P.T.H. No. 8	5.0	1,280.69	5,344.39	6,625.08	1,325
516	P.R. No. 329 - Shorncliffe	14.8	18,023.01	2,993.23	21,016.24	1,420
517	Balmoral - P.R. No. 322	16.4	33,840.48	9,977.21	43,817.69	2,672
518	Woodlands - P.R. No. 229	38.3	54,154.99	7,156.43	61,311.42	1,601
519	Sandy Hook - P.T.H. No. 8	2.7	6,950.68	3,905.10	10,855.78	4,021
521	Rosengart - P.T.H. No. 32	5.1	11,970.08	2,625.03	14,595.11	2,862
522	Halbstadt Road	6.6	16,204.41	1,599.11	17,803.52	2,698
523	P.T.H. No. 75 - Sewell - P.R. No. 332	15.3	21,241.30	6,806.83	28,048.13	1,833
524	Blumenort - P.R. No. 243	3.2	5,183.28	120.39	5,303.67	1,657
525	United States Boundary - P.R. No. 308	9.7	13,504.93	2,522.84	16,027.77	1,652
526	P.T.H. No. 26 - North of High Bluff	6.3	10,104.86	5,846.24	15,951.10	2,532
528	Kaleida - P.T.H. No. 3	7.1	1,121.29	2,535.58	3,656.87	515
530	P.T.H. No. 23 - Bruxelles	10.0	10,512.72	1,659.80	12,172.52	1,217

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
532	Mariapolis - P.R. No. 245	11.6	$ 10,706.49	$ 2,742.64	$ 13,449.13	1,159
541	North of Mather - P.R. No. 258	15.8	9,649.33	2,424.48	12,073.81	764
542	P.R. No. 257 - P.T.H. No. 1	21.2	29,943.40	2,394.03	32,337.43	1,525
543	P.T.H. No. 21 (South of Griswold) - P.R. No. 254	11.6	11,355.83	1,517.83	12,873.66	1,110
545	P.T.H. No. 41 (South of St. Lazare) - Saskatchewan Boundary	8.9	20,256.55	1,231.29	21,487.84	2,414
547	P.R. No. 482 - Saskatchewan Boundary	3.2	2,752.64	1,202.93	3,955.57	1,236
561	Justice - Forrest	11.6	16,017.05	1,713.07	17,730.12	1,528
563	P.T.H. No. 10 - P.R. No. 270 - (North of Rapid City)	6.6	7,349.66	5,533.74	12,883.40	1,952
564	Minnedosa - Bethany	13.2	15,043.98	7,040.76	22,084.74	1,673
565	P.T.H. No. 41 (South of McAuley) - Saskatchewan Boundary	5.0	5,360.01	2,747.12	8,107.13	1,621
566	Oakburn - P.R. No. 359	22.2	34,495.82	7,070.71	41,566.53	1,872
567	Lynch's Point - P.T.H. No. 50	7.6	8,515.44	10,752.08	19,267.52	2,535
568	P.T.H. No. 83 - Wattsview -P.R. No. 475	30.1	30,726.25	20,937.02	51,663.27	1,716
569	Lake Manitoba - P.T.H. No. 50	5.8	7,116.19	2,461.51	9,577.70	1,651
571	P.T.H. No. 41 (North of McAuley) - Saskatchewan Boundary	6.6	12,972.76	1,275.35	14,248.11	2,159
573	Lake Manitoba - P.T.H. No. 59 - (South of Embury)	8.2	7,960.96	1,318.55	9,279.51	1,132
575	P.R. No. 260 - Birnie	25.6	24,359.57	7,218.89	31,578.46	1,234
577	P.R. No. 566 - North of Rossburn	24.8	43,051.33	4,402.64	47,453.97	1,913
579	P.T.H. No. 83 - Millwood - P.R. No. 478	26.4	30,289.44	13,428.98	43,718.42	1,656
581	Ste. Amelie - P.T.H. No. 5	8.2	14,796.87	1,583.49	16,380.36	1,998

Table No. M9

Provincial Road	Location	Kilometres	Summer Expenditure	Winter Expenditure	Total Expenditure	*Cost per km
582	Makinak - Ochre River	16.4	$ 30,195.00	$ 3,763.91	$ 33,958.91	$2,071
583	Shevlin - P.T.H. No. 83	15.3	18,413.70	9,792.99	28,206.69	1,844
584	P.R. No. 366 - Merridale - P.R. No. 594	73.9	73,682.20	47,074.62	120,756.82	1,634
585	P.R. No. 276 - West of Rorketon	18.0	20,937.01	1,685.78	22,622.79	1,257
586	P.T.H. No. 83 - Durban	24.5	36,653.71	20,440.94	57,094.65	2,330
587	P.R. No. 268 - Bowsman	19.3	41,078.93	8,224.82	49,303.75	2,555
588	Benito - P.R. No. 269	40.6	46,409.43	32,645.83	79,055.26	1,947
589	P.R. No. 478 - P.T.H. No. 83	8.4	6,806.67	7,938.37	14,745.04	1,755
591	P.R No. 584 - Roblin	8.7	12,937.51	6,656.12	19,593.63	2,252
592	Deepdale - P.T.H. No. 83	13.0	12,746.27	5,688.75	18,435.02	1,418
593	P.T.H. No. 83 - Deepdale	9.7	11,221.11	5,795.10	17,016.21	1,754
594	P.T.H. No. 83 - Boggy Creek	19.9	31,827.67	13,624.06	45,451.73	2,284
666	Access Roads	390.9	522,335.47	944,896.86	1,467,232.33	3,753
Other Roads	District 10	365.0	725,343.57	319,663.26	1,045,006.83	2,863
		12,913.0	$16,953,965.51	$7,472,703.20	$24,426,668.71	$1,892*

*1. Cost per kilometre is rounded off to the nearest dollar and includes overheads.
2. Costs for P.R. No. 399 are included in the costs for P.R. No. 391.

Table No. P1

SUMMARY OF MILEAGES ON PROVINCIAL TRUNK HIGHWAYS
BY SURFACE TYPE

P.T.H. No.	Concrete	Bituminous Plant Mix	Bituminous Road Mix	Asphalt Surface Treatment	Gravel	Total
1	16.9	272.3	-	-	-	289.2
1A	1.3	17.8	-	-	-	19.1
2	30.7	165.0	-	-	-	195.7
3	42.8	126.5	5.1	72.1	-	246.5
3A	-	-	7.0	-	-	7.0
5	-	172.8	11.9	64.2	-	248.9
5A	1.3	2.8	-	-	-	4.1
6	-	365.6	-	-	-	365.6
7	11.1	53.9	-	-	-	65.0
8	9.4	62.7	-	0.7	-	72.8
9	2.4	49.8	-	0.3	-	52.5
9A	1.8	3.0	-	-	-	4.8
10	-	422.2	1.2	25.9	-	449.3
10A	-	7.5	-	-	-	7.5
11	-	78.2	-	13.0	-	91.2
12	3.8	142.3	2.8	12.2	-	161.1
13	-	31.3	-	-	-	31.3
14	10.4	20.9	-	-	-	31.3
15	11.6	14.8	-	20.5	-	46.9
16	-	155.1	-	6.9	-	162.0
16A	-	5.6	-	-	-	5.6
17	-	1.0	13.8	52.0	-	66.8
18	-	15.5	-	18.9	-	34.4
19	-	-	-	-	3.1	3.1
20	-	24.7	21.8	59.1	-	105.6
20A	-	3.2	-	-	-	3.2
21	-	2.6	-	106.9	-	109.5
22	-	0.5	-	12.5	-	13.0
23	29.3	35.7	-	100.8	-	165.8
24	-	4.9	-	45.1	-	50.0
25	-	17.5	-	-	-	17.5
26	0.6	39.4	-	-	-	40.0
27	-	1.8	-	-	-	1.8
29	0.3	-	-	-	-	0.3
30	6.7	6.9	-	-	-	13.6
31	-	-	-	14.1	-	14.1
32	-	14.1	-	-	-	14.1
34	-	6.0	-	71.2	-	77.2
41	-	3.0	6.6	31.9	2.4	43.9
42	-	4.8	-	27.8	-	32.6
44	-	55.2	-	18.7	-	73.9

Table No. P1

P.T.H. No.	Concrete	Bituminous Plant Mix	Bituminous Road Mix	Asphalt Surface Treatment	Gravel	Total
45	-	-	-	65.9	-	65.9
49	-	-	-	1.0	-	1.0
50	-	17.2	24.2	35.3	-	76.7
52	-	19.1	2.7	-	-	21.8
57	-	-	-	1.0	-	1.0
59	13.5	79.6	-	24.9	-	118.0
67	-	10.6	7.2	10.2	-	28.0
68	-	1.0	-	49.4	-	50.4
75	6.8	50.2	-	-	-	57.0
83	-	154.8	0.7	51.5	-	207.0
89	-	-	6.2	-	-	6.2
100	12.4	12.4	-	-	-	24.8
101	21.5	3.5	-	-	-	25.0
	234.6	2755.3	111.2	1014.0	5.5	*4120.6

*Compiled as of January 1, 1986

Table No. P2

SUMMARY OF MILEAGES ON PROVINCIAL TRUNK HIGHWAYS
BY SURFACE TYPE AND NUMBER OF LANES

Number of Lanes	Concrete	Bituminous Plant Mix	Bituminous Road Mix	Asphalt Surface Treatment	Gravel	Total
2	145.4	2 440.0	110.1	1 013.8	5.5	3 714.8
4 Undivided	2.2	20.8	1.1	-	-	24.1
4 Divided	87.0	293.2	-	0.2	-	380.4
6 Undivided	-	-	-	-	-	-
6 Divided	-	1.3	-	-	-	1.3
8 Divided	-	-	-	-	-	-
	234.6	2 755.3	111.2	1 014.0	5.5	*4 120.6

*Compiled as of January 1, 1986.

Table No. P3

SUMMARIZED
BY
SURFACE TYPE
(miles)

	Concrete	Bituminous Plant Mix	Bituminous Road Mix	Asphalt Surface Treatment	Gravel	Total
P.T.H.	234.6	2 755.3	111.2	1 014.0	5.5	4 120.6
P.R.	14.5	694.3	262.9	1 645.7	5,181.0	7 798.4
	249.1	3 449.6	374.1	2 659.7	5 186.5	*11 919.0

*Compiled as of January 1, 1986.

Table No. P4

HIGHWAY LENGTHS
SUMMARIZED BY ENGINEERING DISTRICTS
(miles)

District No.	Provincial Trunk Highways	Provincial Roads	Total
1	395.1	630.2	1025.3
2	334.4	726.0	1060.4
3	321.1	797.8	1118.9
4	444.4	614.7	1059.1
5	475.7	640.1	1115.8
6	323.2	705.4	1028.6
7	450.9	802.3	1253.2
8	344.3	796.1	1140.4
9	239.0	411.2	650.2
10	252.2	756.2	1008.4
11	405.5	769.8	1175.3
12	134.8	148.6	283.4
	4120.6	7,798.4	*11,919.0

*Compiled as of January 1, 1986

Table No. X1

SUMMARY OF CONSTRUCTION AND EXPENDITURES
UNDER AIDS TO CITIES, TOWNS, VILLAGES AND
UNINCORPORATED VILLAGE DISTRICTS,
AIDS TO UNORGANIZED TERRITORIES AND
DISORGANIZED MUNICIPALITIES
APPROPRIATION 15-7B & C

Appropriation
15-7B Program 05C
Nature of Work Completed in km and metres

Grading	5.59		
Excavation and Backfill	3.05		
Gravel	9.49		
Re-Gravel	22.69		
Gravel Shoulders	0.24		
Base Course	14.03		
Paving	16.62		
Asphalt Surface Treatment	7.84		
Asphalt Repairs	0.76		
Sealcoating	3.75		
Calcium Chloride	37.51		
Lignosulfonate	10.90		
Dust Oil Treatment	1.17		
Curb and Gutter	5.85		
	139.49	km	
Culverts	324	metres	
Expenditure			$1,530,792.17
Total Expenditure under 15-7B Program 05C			$3,089,049.77

Table No. X1

SUMMARY OF CONSTRUCTION AND EXPENDITURES
UNDER AIDS TO CITIES, TOWNS, VILLAGES AND
UNINCORPORATED VILLAGE DISTRICTS,
AIDS TO UNORGANIZED TERRITORIES AND
DISORGANIZED MUNICIPALITIES
APPROPRIATION 15-7B & C

Appropriation
15-7B Program 05C
Nature of Work Completed in km and metres

Grading	5.59		
Excavation and Backfill	3.05		
Gravel	9.49		
Re-Gravel	22.69		
Gravel Shoulders	0.24		
Base Course	14.03		
Paving	16.62		
Asphalt Surface Treatment	7.84		
Asphalt Repairs	0.76		
Sealcoating	3.75		
Calcium Chloride	37.51		
Lignosulfonate	10.90		
Dust Oil Treatment	1.17		
Curb and Gutter	5.85		
	139.49	km	
Culverts	324	metres	
Expenditure			$1,119,634.37
Total Expenditure under 15-7B Program 05C			$2,239,268.49

Table No. X2

AIDS TO CITIES, TOWNS, VILLAGES AND
UNINCORPORATED VILLAGE DISTRICTS

APPROPRIATION 15-7B Program 05C

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
Altona	Grading	0.79	$ 207,045.50	$ 103,450.00
	Gravel	0.79		
	Re-Gravel	0.74		
	Base Course	0.79		
	Paving	0.79		
	Curb & Gutter	0.79		
	Calcium Chloride	0.74		
	Culverts	49 metres		
Benito	Calcium Chloride	1.21	2,020.80	1,010.40
Binscarth	Calcium Chloride	0.80	830.96	415.48
Birtle	Calcium Lignosolfonate	2.50	1,766.66	883.33
Brandon	Paving	2.90	544,443.62	272,221.81
Carberry	Paving	0.32	21,878.13	10,939.07
Carman	Re-Gravel	0.40	13,574.51	6,787.25
	Calcium Chloride	0.40		
	Paving	0.05		
Cartwright	Seal Coat	1.03	5,863.64	2,931.82
Crystal City	Base Course	0.82	11,353.29	5,676.65
	Asphalt Surface Treatment	0.82		
Dauphin	Grading	0.80	158,887.06	79,443.53
	Gravel	0.80		
	Base Course	0.36		
	Paving	0.36		
	Curb & Gutter	0.72		
Deloraine	Base Course	0.24	28,954.12	14,477.06
	Paving	0.24		
	Gravel Shoulders	0.24		
	Curb & Gutter	0.48		
	Seal Coat	0.76		
	Calcium Chloride	0.37		

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
Elkhorn	Re-Gravel	1.10	$ 2,094.47	$ 1,047.24
	Calcium Chloride	1.10		
Emerson	Asphalt Surface Treatment	0.84	5,948.62	2,974.31
Ethelbert	Calcium Chloride	0.80	811.97	405.98
Garson	Asphalt Surface Treatment	0.64	9,042.63	4,521.32
Gilbert Plains	Excavate & Backfill	0.48	39,791.57	19,895.79
	Base Course	0.48		
	Prime & Seal Coat	0.48		
Gimli	Excavate & Backfill	0.26	25,679.35	12,839.67
	Base Course	0.26		
Gladstone	Grading	0.32	40,142.56	20,000.00
	Base Course	0.32		
Gretna	Re-Gravel	2.98	9,134.95	4,567.48
	Calcium Chloride	2.98		
Hamiota	Excavate & Backfill	0.16	7,849.23	3,924.62
	Gravel	0.16		
Hartney	Grading	0.80	4,601.16	2,300.58
	Gravel	0.80		
Killarney	Paving	0.14	11,380.86	5,690.43
Manitou	Grading	0.18	30,401.34	15,200.67
	Gravel	0.18		
	Base Course	0.18		
	Paving	0.18		
	Curb & Gutter	0.36		
Melita	Base Course	0.48	33,703.22	16,851.61
	Concrete Curb	0.48		
	Bituminous Flange	0.96		
	Seal Coat	0.39		
	Dust Treatment	0.37		

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
Minitonas	Base Course	0.34	$ 37,122.16	$ 18,561.08
	Asphalt Surface Treatment	0.34		
Minnedosa	Calcium Chloride	0.16	462.38	231.19
Morden	Re-Gravel	1.27	66,912.51	33,456.26
	Calcium Chloride	1.27		
	Paving	0.80		
Morris	Base Course	0.40	80,655.23	40,327.62
	Paving	0.40		
	Curb & Gutter	0.80		
	Culverts	22 metres		
Neepawa	Base Course	0.16	9,179.00	4,589.50
Niverville	Base Course	0.06	6,667.95	3,333.98
	Paving	0.06		
Notre-Dame de Lourdes	Re-Gravel	0.84	3,446.40	1,723.20
	Calcium Lignosulfonate	0.84		
Pilot Mound	Base Course	0.72	12,147.45	6,073.73
	Asphalt Surface Treatment	0.72		
Plum Coulee	Paving	0.58	61,016.62	30,508.31
Portage la Prairie	Paving	0.89	99,353.90	49,676.95
Rapid City	Calcium Chloride	0.16	495.60	247.80
Rossburn	Calcium Chloride	0.80	2,523.67	1,261.84
	Paving	0.16		
Russell	Grading	1.13	213,912.34	106,956.17
	Re-Gravel	0.80		
	Calcium Lignosulfonate	0.80		
	Base Course	1.29		
	Paving	1.29		

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
St. Claude	Grading	0.27	$ 48,333.22	$ 23,825.62
	Re-Gravel	0.51		
	Calcium Lignosulfonate	0.51		
	Base Course	0.27		
	Paving	0.21		
	Culverts	64 metres		
St. Rose du Lac	Base Course	0.21	26,834.98	13,417.49
	Paving	0.21		
Selkirk	Curb & Gutter	0.77	20,964.73	10,482.37
	Paving	0.03		
Shoal Lake	Excavation & Backfill	0.64	77,286.44	38,250.00
	Gravel	0.64		
Snow Lake	Excavation & Backfill	0.12	207,208.21	100,000.00
	Base Course	2.08		
	Curb & Gutter	0.21		
Steinbach	Calcium Lignosulfonate	3.43	5,473.58	2,736.79
Stonewall	Grading	0.18	57,620.00	28,810.00
	Gravel	0.18		
	Culverts	9 metres		
	Base Course	0.18		
	Paving	0.18		
	Curb & Gutter	0.36		
Swan River	Paving	0.84	46,259.80	23,129.90
Teulon	Grading	0.32	88,181.34	44,090.67
	Gravel	0.32		
	Base Course	0.64		
	Paving	1.61		
The Pas	Base Course	0.16	31,106.83	15,553.41
	Paving	0.16		
	Curb & Gutter	0.32		
Thompson	Paving	0.71	138,131.28	60,000.00
Waskada	Calcium Chloride	0.39	533.84	266.92

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
Winkler	Re-Gravel	1.54	$ 94,143.76	$ 47,071.88
	Calcium Lignosulfonate	1.54		
	Paving	0.60		
UNINCORPORATED VILLAGE DISTRICTS				
L.G.D. of Alexander				
St. George	Base Course	1.28	35,974.99	17,987.50
	Asphalt Surface Treatment	1.28		
R.M. of Argyle				
Baldur	Seal Coat	0.40	2,088.84	1,044.42
Glenora	Base Course	0.31	5,300.76	2,650.38
	Asphalt Surface Treatment	0.31		
R.M. of Birtle				
Foxwarren	Re-Gravel	0.80	1,246.80	623.40
	Calcium Chloride	0.16		
R.M. of Cameron				
Lauder	Calcium Chloride	0.75	750.71	375.33
Grande Clairiere	Calcium Chloride	0.21	250.24	125.12
R.M. of Cartier				
Springstein	Re-Gravel	0.48	1,558.74	779.37
	Calcium Chloride	0.48		
R.M. of De Salaberry				
Otterburne	Calcium Chloride	1.29	956.70	478.35
R.M. of Dufferin				
Graysville	Re-Gravel	0.43	1,030.32	515.16
	Calcium Lignosulfonate	0.43		
Roseisle	Calcium Lignosulfonate	0.85	1,557.74	778.87
R.M. of Franklin				
Dominion City	Excavation & Backfill	0.32	42,459.60	21,229.68
	Base Course	0.32		
	Asphalt Surface Treatment	1.40		

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
UNINCORPORATED VILLAGE DISTRICTS				
R.M. of Gimli				
Loni Beach	Calcium Chloride	1.30	$ 4,400.00	$ 2,200.00
Sandy Hook	Calcium Chloride	0.20	699.34	300.00
R.M. of Glenella				
Glenella	Calcium Chloride	1.60	1,654.16	827.08
L.G.D. of Grahamdale				
Grahamdale	Calcium Chloride	0.19	311.32	155.66
Gypsumville	Calcium Chloride	0.31	507.95	253.98
Hilbre	Calcium Chloride	0.71	1,163.38	581.69
Moosehorn	Excavation & Backfill	0.80	77,783.50	38,891.75
	Gravel	0.80		
	Base Course	0.80		
	Calcium Chloride	0.45		
	Culverts	76 metres		
R.M. of Grey				
Elm Creek	Re-Gravel	1.14	4,027.79	2,013.90
	Calcium Chloride	1.14		
Haywood	Re-Gravel	0.85	1,923.43	961.71
	Calcium Chloride	0.85		
R.M. of Hanover				
Grunthal	Base Course	0.24	4,254.44	2,127.22
	Paving	0.11		
R.M. of Harrison				
Newdale	Calcium Chloride	0.80	1,908.35	954.18
Sandy Lake	Road Oil	0.80	1,000.00	500.00
R.M. of Lawrence				
Rorketon	Gravel	3.22	5,294.25	2,647.13
	Calcium Chloride	3.22		
R.M. of Macdonald				
Oak Bluff	Asphalt Repairs	0.65	6,275.14	3,137.57
	Seal Coat	0.65		
R.M. of Morris				
Rosenort	Re-Gravel	2.20	5,762.24	2,881.12
	Calcium Chloride	2.20		
Sperling	Re-Gravel	0.79	2,722.21	1,361.10
	Calcium Chloride	0.79		

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Expenditures Government
UNINCORPORATED VILLAGE DISTRICTS				
L.G.D. of Mountain				
Birch River	Calcium Chloride	1.61	$ 1,642.17	$ 821.08
R.M. of North Norfolk				
Austin	Calcium Chloride	1.93	1,103.65	551.82
R.M. of Ochre River				
Ochre River	Gravel	0.80	4,637.20	2,318.60
	Asphalt Surface Treatment	0.80		
R.M. of Pembina				
Snowflake	Re-Gravel	0.60	1,667.92	833.96
	Calcium Chloride	0.60		
R.M. of Pipestone				
Reston	Paving	0.98	49,687.50	24,843.75
R.M. of Rhineland				
Rosenfeld	Re-Gravel	0.64	1,496.12	748.06
	Calcium Chloride	0.64		
R.M. of Ritchot				
Ste. Agathe	Base Course	0.06	3,013.52	1,506.76
	Paving	0.06		
R.M. of Riverside				
Dunrea	Asphalt Repairs	0.11	794.59	397.30
	Seal Coat	0.11		
R.M. of Roblin				
Mather	Base Course	0.31	7,306.39	3,653.19
	Asphalt Surface Treatment	0.31		
R.M. of Roland				
Roland	Re-Gravel	1.43	6,180.86	3,000.00
	Calcium Chloride	1.43		
R.M. of Saskatchewan				
Basswood	Calcium Chloride	0.32	538.37	225.00

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
UNINCORPORATED VILLAGE DISTRICTS				
R.M. of Shoal Lake				
Oakburn	Seal Coat	0.32	$ 3,831.23	$ 1,915.61
R.M. of South Norfolk				
Rathwell	Re-Gravel	1.48	2,694.06	1,347.03
	Calcium Chloride	1.48		
R.M. of Strathclair				
Elphinstone	Seal Coat	0.64	8,007.27	4,003.63
R.M. of Strathcona				
Belmont	Asphalt Surface Treatment	0.16	1,927.38	963.69
R.M. of Tache				
Lorette	Excavation & Backfill	0.27	70,878.98	35,439.49
	Base Course	0.27		
	Paving	0.27		
	Curb & Gutter	0.56		
	Culverts	104 metres		
R.M. of Thompson				
Miami	Re-Gravel	1.27	4,936.74	2,468.37
	Calcium Chloride	1.27		
Rosebank	Re-Gravel	0.40	918.14	459.07
	Calcium Chloride	0.40		
R.M. of Victoria				
Holland	Asphalt Surface Treatment	0.16	2,343.64	1,171.82
R.M. of Wallace				
Kola	Paving	0.53	28,349.19	14,174.60
Kirkella	Grading	0.80	20,043.49	10,021.40
	Gravel	0.80		
R.M. of Whitewater				
Minto	Asphalt Surface Treatment	0.06	1,014.98	507.49
			3,089,049.77	1,530,792.17

Table No. X2

Cities, Towns and Villages	Nature of Work	Kilometres Completed	Expenditures Total	Government
Nature of work Completed in km and metres				
	Grading	5.59		
	Excavation & Backfill	3.05		
	Gravel	9.49		
	Re-Gravel	22.69		
	Gravel Shoulders	0.24		
	Base Course	14.03		
	Paving	16.62		
	Asphalt Surface Treatment	7.84		
	Asphalt Repairs	0.76		
	Seal Coating	3.75		
	Calcium Chloride	37.51		
	Lignosulfonate	10.90		
	Dust Oil Treatment	1.17		
	Curb & Gutter	5.85		
	Culverts	324 metres		
		139.49 km		
		324 metres		

Table No. X3

WORK AND ROADS IN UNORGANIZED TERRITORY
AND DISORGANIZED MUNICIPALITIES

APPROPRIATION 15-7C Program 05D

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Government
UNORGANIZED				
Dauphin	Dragging and General Repairs		$ 15,062.83	$ 15,062.83
	Re-Gravel	39.43		
Emerson	Dragging and General Repairs		246,010.61	246,010.61
	Grading	2.40		
	Gravel	2.40		
	Re-Gravel	299.00		
	Culverts	33 metres		
Interlake - Lakeside - Gimli	Dragging and General Repairs		145,644.69	145,644.69
	Grading	2.10		
	Gravel	2.10		
	Re-Gravel	136.80		
	Culverts	132 metres		
	Brushing	23.00 ha		
Interlake	Dragging and General Repairs		381,134.05	381,134.05
	Grading	6.40		
	Gravel	6.40		
	Re-Gravel	359.10		
	Culverts	100 metres		
	Brushing	44.50 ha		
Lac du Bonnet	Dragging and General Repairs		89,931.85	89,931.85
	Grading	0.40		
	Gravel	0.80		
	Re-Gravel	76.44		
Minnedosa	Survey and Design	4.83	19,924.58	19,924.58
Minnedosa Roblin-Russell	Dragging and General Repairs		21,538.09	21,538.09
	Re-Gravel	77.25		
Roblin-Russell	Dragging and General Repairs		20,008.14	20,008.14
	Re-Gravel	40.23		
	Brushing	2.02 ha		
	Mowing	6.07 ha		

Table No. X3

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Government
UNORGANIZED				
Roblin-Russell				
Swan River	Bridge Maintenance		$ 7,228.19	$ 7,228.19
Rupertsland	Dragging and General Repairs		32,365.16	32,365.16
	Re-Gravel	20.92		
Springfield	Dragging and General Repairs		15,816.72	15,816.72
	Re-Gravel	23.33		
Springfield - La Verendrye	Dragging and General Repairs		93,175.91	93,175.91
	Re-Gravel	64.00		
	Bridge Maintenance			
Ste. Rose	Dragging and General Repairs		139,526.47	139,526.47
	Gravel	5.63		
	Re-Gravel	80.47		
	Dust Treatment	5.23		
	Culverts	15 metres		
Swan River	Dragging and General Repairs		250,363.26	250,363.26
	Grading	3.22		
	Gravel	3.22		
	Re-Gravel	152.08		
	Culverts	170 metres		
	Dust Treatment	22.53		
	Bridge	1		
	Brushing	3.23 ha		
	Mowing	3.64 ha		
The Pas	Dragging and General Repairs		153,699.39	153,699.39
	Re-Gravel	157.54		
Snowplowing - School Division Bus Routes			229,949.15	229,949.15
			$1,861,379.09	$1,861,379.09

Table No. X3

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Expenditures Government

Nature of Work Completed in km, metres and hectares

Grading	14.52	
Gravel	20.55	
Re-Gravel	1,526.59	
Dust Treatment	27.76	
Survey and Design	4.83	
	1,594.25	km
Culverts	450	metres
Brushing	72.75	ha
Mowing	9.71	ha
	82.46	ha

Miscellaneous Work
Dragging and General Repairs
Bridge Maintenance
Snowplowing - School Division Bus Routes

Table No. X4

WORKS AND ROADS IN UNORGANIZED TERRITORY
AND DISORGANIZED MUNICIPALITIES

APPROPRIATION 15-7C Program 05D

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Government
LOCAL GOVERNMENT DISTRICT				
Alexander	Dragging and General Repairs		$ 200,478.14	$ 100,239.08
	Grading	4.43		
	Re-Gravel	162.95		
	Culverts	34 metres		
	Brushing	5.06 ha		
Alonsa	Dragging and General Repairs		136,923.33	68,461.67
	Grading	3.62		
	Gravel	3.62		
	Re-Gravel	130.35		
Armstrong	Dragging and General Repairs		130,199.83	65,099.92
	Grading	4.00		
	Gravel	3.20		
	Re-Gravel	110.00		
	Culverts	57 metres		
	Brushing	43.50 ha		
Consol	Dragging and General Repairs		162,301.46	81,150.73
	Re-Gravel	51.50		
	Calcium Chloride	3.22		
	Bridge	1		
Fisher	Dragging and General Repairs		206,248.74	103,124.38
	Grading	9.60		
	Gravel	6.00		
	Re-Gravel	194.00		
	Culverts	167 metres		
	Brushing	6.07 ha		
Grahamdale	Dragging and General Repairs		179,754.51	89,877.26
	Grading	7.20		
	Gravel	7.20		
	Re-Gravel	105.20		
	Culverts	95 metres		
	Brushing	10.00 ha		

Table No. X4

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Government
LOCAL GOVERNMENT DISTRICT				
Mountain	Dragging and General Repairs		$ 213,349.73	$ 106,674.86
	Grading	0.80		
	Re-Grading	9.66		
	Re-Gravel	238.15		
	Culverts	193 metres		
	Brushing	6.67 ha		
Park	Dragging and General Repairs		115,209.66	57,604.84
	Grading	0.80		
	Re-Gravel	304.16		
	Culverts	13 metres		
	Brushing	8.09 ha		
Piney	Dragging and General Repairs		187,407.28	93,703.64
	Grading	4.80		
	Re-Gravel	105.50		
	Culverts	60 metres		
Reynolds	Dragging and General Repairs		136,281.96	68,141.00
	Grading	5.51		
	Gravel	24.82		
	Re-Gravel	54.80		
	Culverts	125 metres		
	Brushing	1.21 ha		
Stuartburn	Dragging and General Repairs		173,308.76	86,654.39
	Grading	9.10		
	Gravel	3.20		
	Re-Gravel	110.50		
	Culverts	142 metres		
Residents & Miscellaneous,	Dragging and General Repairs		51,099.82	25,549.91
	Re-Gravel	74.03		
	Culverts	96 metres		
Snowplowing Various	50/50 basis		346,705.38	173,352.69
			$2,239,268.49	$1,119,634.37

Territory	Nature of Work	Kilometres Completed	Expenditures Total	Expenditures Government
LOCAL GOVERNMENT DISTRICT				
Nature of Work Completed in km, metres and hectares				
	Grading	49.86		
	Re-Grading	9.66		
	Gravel	48.04		
	Re-Gravel	1,510.79		
	Calcium Chloride	3.22		
		1,621.57 km		
	Culverts	982 metres		
	Brushing	80.60 hectares		
	Bridge Repairs	1		
	Miscellaneous Work			
	Dragging and General Repairs			
	Snowplowing L.G.D. Roads			

Table No. X6

1985-86 DRILLING SUMMARY FOR
SUBGRADE EVALUATION BY B-30 DRILL TRUCK

District	Total	Total No. and Types of Soil Surveys: Preliminary (survey and design)	Final (for pavement design)	Special (surface failure evaluations)	No. of km	No. of Hours	No. of Holes	No. of Samples	Total Depth Drilled (m)
1	3	3	--	--	8.3	69.0	80	305	142.00
2	9	1	8	--	71.9	118.5	232	710	348.00
3	1	1	--	--	22.2	107.5	216	1066	345.00
4	--	--	--	--	--	--	--	--	--
5	1	--	1	--	5.2	16.0	33	104	49.50
6	4	2	--	2	18.4	138.0	242	851	413.95
7	1	--	--	1	.7	9.5	8	36	12.00
8	1	--	1	--	1.4	2.0	6	19	9.00
9	4	4	--	--	23.1	103.5	206	723	315.00
10	1	--	1	--	20.0	77.5	66	377	198.00
11	9	5	4	--	191.0	495.5	994	3728	1524.00
12	--	--	--	--	--	--	--	--	--
Totals	34	16	15	3	362.2	1137.0	2083	7919	3356.45
1984-85 Totals	30	22	4	4	262.1	983.0	2309	5910	4248.00

	NUMBER OF SAMPLES			
	Per metre drilled	per hole	per hour	per km distance
1985-86	2.36	3.80	6.96	21.9
1984-85	1.39	2.56	6.01	22.5
1983-84	1.42	2.32	6.02	15.6

Table No. AR1

AIRCRAFT/RADIO SERVICES
NORTHERN AIRPORTS/MARINE OPERATIONS

Work Order No.	Location	Description of Work	Expenditure
15-4D-2			
	Other Expenditures		$1,194,553.23
MWT 001	Matheson Island Roads, Matheson Island Ferry Access - Hole River Ferry Access - York Landing Ferry Access	Resource Roads Access	2,973.12
002	Sea Falls - Cross Lake	Dock Improvements	6,138.21
15-7E-1A	Improvements to Airports		
RA 01	Swan River Airport	Granular Base Course & Bituminous Pavement	85,466.94
02	Oxford House & God's Lake Narrows Airport	Stockpiling Aggregate	451,006.37
AP 01	Brochet	Shop Renovations	59,674.89
02	Norway House	Security Fencing	5,514.03
03	Pikwitonei	Security Fencing	10,339.12

Table No. AR1

Work Order No.	Location	Description of Work	Expenditure
15-7E-1A Improvements to Airports			
AP 04	Island Lake	Airport Surveys	$ 12,103.41
05	Norway House	Erosion Control	378.09
06	Various Locations	Staff Training	45,238.84
07	Lac du Bonnet	Security Fencing	4,778.03
08	Island Lake	Staff Accommodation	40,736.87
09	Norway House	Ramp Repair	29,239.57
10	Pukatawagan	Shop Renovations	15,387.16
11	Beausejour	Staff Training	11,636.82
12	Various	Radio - Telephone Communications	68,462.49
13	Poplar River	Equipment Shop	10,257.18
14	Shamattawa	Shop Renovations	14,115.45
15	Thompson - Winnipeg	Office Computer	12,349.60
99			(131,704.51)

Table No. AR1

Work Order No.	Location	Description of Work	Expenditure
15-7E-2A Airport Development			
CTN 100	Tadoule Lake	Construction of Tadoule Lake Airport	$1,454,118.15
15-7E-2B Community Roads (Recoverable from Northern Affairs)			
CTN 311	Norway House Community House	Upgrading Embankments, Drainage & Gravel	313,454.20
			*$3,716,217.20

*Appropriation Summary

15-4D-2	1,203,664.56
15-7E-1A	744,980.35
15-7E-2A	1,454,118.15
15-7E-2B	313,454.14

Total $3,716,217.20

Table No. AR2

SUMMARY OF AIR SERVICES FLIGHT DISTANCE (km)

Department or Agency	1984-1985	1985-1986
Air Ambulance (Life Flight)	--	141 736
Agriculture	8 696	3 955
Attorney General	149 332	142 819
Business, Development & Tourism	14 388	29 936
Communities Economic Development Fund	1 888	1 248
Community Services & Corrections	28 004	29 226
Consumer & Corporate Affairs	1 168	1 040
Cooperative Development	3 496	352
Crown Investments	--	--
Culture, Heritage & Recreation	16 730	6 739
Education	4 266	7 651
Employment Services & Economic Security	27 050	36 410
Energy and Mines	30 906	43 864
Environment & Workplace, Safety and Health	12 166	10 269
Executive Council	16 624	16 050
Finance	5 160	2 432
Government Services	11 061	22 952
Health	18 003	15 095
Highways and Transportation	164 558	196 198
Housing	5 586	5 053
Industry, Trade and Technology	9 946	7 872
Labour	1 458	2 288
Legislation	--	--
Manfor	6 904	9 336
Manitoba Development Corporation	2 048	384
Manitoba Hydro	2 392	3 083
Manitoba Telephone System	3 445	10 616
Municipal Affairs	6 720	5 496
Natural Resources	431 448	223 376
Northern Affairs	93 037	59 094
Northern Patient Transportation Program	424 656	340 725
Urban Affairs	--	--
Miscellaneous	34 219	33 054
TOTAL PROVINCIAL DEPARTMENTS AND AGENCIES	1 535 355	1 408 349
TOTAL FEDERAL DEPARTMENTS	1 736	2 496
TOTAL DISTANCE FLOWN	1 537 091	1 410 845

Table No. AR3

SUMMARY BY BASE BY AIRCRAFT TYPE

WINNIPEG	FLYING HOURS	KILOMETRES	PASSENGERS	CARGO (kg)
Citation SII	295.5	156 560	244	6 905
Citation	954.8	467 328	1,459	4 111
Navajo	--	--	--	--
Aztec	403.4	103 064	330	2 018
CL-215	128.8	29 208	37	273
Turbos	57.6	10 712	54	227
Otters	--	--	--	--
TOTAL	1,840.1	766 872	2,124	13 534
THOMPSON				
Citation SII	--	--	--	--
Citation	--	--	--	--
Navajo	735.7	220 192	1,432	16 645
Aztec	--	--	--	--
CL-215	59.8	13 227	6	--
Turbos	872.6	164 632	1,532	34 074
Otters	496.4	81 424	979	67 644
TOTAL	2,164.5	479 475	3,949	118 363
LAC DU BONNET				
Turbos	379.3	71 922	457	20 174
Otters	31.4	4 792	5	15 945
TOTAL	410.7	76 714	462	36 119
THE PAS				
Turbos	--	--	--	--
Otters	221.3	30 152	290	35 368
CL-215	21.2	4 976	--	--
TOTAL	242.5	35 128	290	35 368
GOD'S NARROWS				
Turbos	290.4	52 656	417	22 446
Otters	--	--	--	--
TOTAL	290.4	52 656	417	22 446
GRAND TOTAL	4,948.2	1 410 845	7,242	225 830

MOTOR VEHICLE BRANCH
TABLES MV1, THROUGH MV5

Table No. MV1

APPEAL BOARD STATISTICS
Hearings Held & By Month and Location

Month	Applications Received	Hearing Locations							Total Hearings
		Winnipeg	Brandon	Dauphin	Steinbach	Beausejour	Thompson	The Pas	
January	336	20	3	1	2	1	2	2	31
February	354	20	3	1	2	1	-	-	27
March	381	22	4	1	1	1	-	-	29
April	411	28	4	1	2	2	1	2	40
May	434	28	3	2	1	3	-	-	37
June	360	22	4	2	1	1	-	-	30
July	331	26	4	4	2	2	-	-	38
August	317	16	4	1	1	2	2	2	28
September	342	20	4	2	1	2	-	-	29
October	370	23	3	1	1	1	-	-	29
November	356	20	3	2	1	2	-	-	28
December	299	16	3	2	-	2	2	2	27
TOTALS	4,291	261	42	20	15	20	7	8	373
Percent Change Over 1984	+5.7%	+8.8%	Nil	+1%	Nil	+4%	+42.8%	+12.5%	+9.4%

Table No. MV2

Application Volume and Hearings Comparison 1982 to 1985 Inclusive

Month	Applications Received				Total Hearings Held			
	1982	1983	1984	1985	1982	1983	1984	1985
January	274	327	317	336	23	29	27	31
February	260	310	311	354	25	28	30	27
March	348	347	357	381	25	32	28	29
April	347	338	376	411	29	24	28	40
May	368	364	375	434	22	29	28	37
June	357	327	306	360	36	26	32	30
July	324	311	312	331	25	29	29	38
August	310	299	319	317	35	23	26	28
September	296	307	351	342	34	29	23	29
October	305	343	393	370	24	21	35	29
November	331	309	338	356	25	36	34	28
December	266	307	289	299	23	18	18	27
TOTALS	3,786	3,889	4,044	4,291	326	324	338	373

Table No. MV3

Applications Processed and Hearing Locations

Location	No. of Hearings Held	No. of Applications Processed
Winnipeg	261	2,752
Brandon	42	436
Dauphin	20	180
Steinbach	15	205
Beausejour	20	203
The Pas	8	83
Thompson	7	43
Written Submissions		19
TOTALS	373	3,921
Applications Pending or Cancelled		370

Table No. MV5

APPEAL BOARD DECISIONS
By Age & Type of Suspension

AGE	IMPAIRED	REFUSAL	OVER .08	264 OTHER	273 HTA	24-13 HTA	167 HTA	264 & 273	TOTALS
16 & 17									
Restricted	-	-	3	-	3	10	-	-	16
Denied	-	-	-	-	-	-	-	-	-
Full Rem.	-	-	-	-	-	-	-	-	-
18 to 20									
Restricted	9	4	117	6	171	28	2	2	339
Denied	2	-	6	1	6	-	-	-	15
Full Rem.	-	-	-	-	-	-	-	-	-
21 to 24									
Restricted	25	24	287	15	471	13	-	6	841
Denied	2	2	16	5	18	1	-	1	45
Full Rem.	-	1	6	-	-	-	-	-	7
25 to 29									
Restricted	29	42	299	20	387	3	1	7	788
Denied	1	3	11	3	13	-	-	-	31
Full Rem.	-	3	10	-	-	-	-	-	13
30 to 34									
Restricted	25	43	199	8	173	5	-	1	454
Denied	1	2	12	1	5	-	1	-	22
Full Rem.	-	-	7	-	-	-	-	-	7

Table

AGE	IMPAIRED	REFUSAL	OVER .08	264 OTHER	273 HTA	24-13 HTA	167 HTA	264 & 273	TO.
35 to 39									
Restricted	30	38	181	5	123	2	-	4	383
Denied	2	-	10	-	5	-	-	1	18
Full Rem.	1	2	10	-	-	-	-	-	13
40 to 44									
Restricted	22	27	145	2	86	1	-	1	284
Denied	1	2	10	-	2	-	-	-	15
Full Rem.	-	-	5	-	-	-	-	-	5
45 to 49									
Restricted	10	16	114	1	51	-	-	2	194
Denied	1	-	4	-	1	-	-	-	6
Full Rem.	1	2	5	-	-	-	-	-	8
50 to 54									
Restricted	10	18	91	3	34	-	-	-	156
Denied	1	-	2	-	2	-	-	-	5
Full Rem.	-	-	4	-	-	-	-	-	4
55 to 59									
Restricted	8	12	70	2	27	-	-	1	120
Denied	-	-	6	-	-	-	-	-	6
Full Rem.	1	1	7	-	-	-	-	-	9

Table No. MV5

AGE	IMPAIRED	REFUSAL	OVER .08	264 OTHER	273 HTA	24-13 HTA	167 HTA	264 & 273	TOTALS
60 to 64									
Restricted	2	4	33	-	10	-	-	-	49
Denied	-	-	1	-	-	-	-	-	1
Full Rem.	1	-	4	-	-	-	-	-	5
65 to 69									
Restricted	1	1	21	-	7	-	-	-	30
Denied	-	-	2	-	1	-	-	-	3
Full Rem.	1	-	4	-	-	-	-	-	5
70 to 74									
Restricted	2	1	8	-	5	-	-	-	16
Denied	-	-	1	-	2	-	-	-	3
Full Rem.	-	-	1	-	-	-	-	-	1
OVER 74									
Restricted	-	-	3	-	-	-	-	-	3
Denied	-	-	1	-	-	-	-	-	1
Full Rem.	-	-	-	-	-	-	-	-	-
SUB TOTAL	189	248	1,716	72	1,603	63	4	26	3,921
APPLICATIONS CANCELLED									193
APPLICATIONS PENDING									92
SUSPENSION EXPIRED									85
TOTAL APPLICATIONS RECEIVED									4,291

Table No. MR1

CARDIOLOGY APPLICATIONS - 1985
CLASS OF LICENCE APPLIED FOR AND DISPOSITION

AGE -	DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
16 - 19												
	Granted											0
	Restricted											0
	Denied											0
20 - 24												
	Granted											0
	Restricted							1				1
	Denied	1				1						2
25 - 34												
	Granted	3				2						5
	Restricted	1						2				3
	Denied											0
35 - 44												
	Granted	1										1
	Restricted	2		1				1				4
	Denied	1									1	2
45 - 54												
	Granted	5										5
	Restricted	3				1		1		1		6
	Denied	1		1					1		1	4

Table No. MR1

AGE - DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
55 - 64											
Granted	1										1
Restricted	4		2		3		8				17
Denied											0
65 - 74											
Granted								1			1
Restricted											0
Denied											0
75 & UP											
Granted											0
Restricted											0
Denied											0
Cancelled or Pending Applications											9
TOTALS	23		4		7		13	2	1	2	61

Table No. MR2

OPHTHALMOLOGY APPLICATIONS - 1985
CLASS OF LICENCE APPLIED FOR AND DISPOSITION

AGE -	DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
16 - 19												
	Granted							1				1
	Restricted									1		1
	Denied											0
20 - 24												
	Granted	2								1		3
	Restricted					2				2		4
	Denied											0
25 - 34												
	Granted									1		1
	Restricted	2				1		1		1		5
	Denied											0
35 - 44												
	Granted	1						1				2
	Restricted	2								1		3
	Denied									1		1
45 - 54												
	Granted							1				1
	Restricted	2										2
	Denied											0

Table No. MR2

AGE - DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
55 - 64											
Granted											0
Restricted	1										1
Denied									2		2
65 - 74											
Granted					1						1
Restricted							2		2		4
Denied									1		1
75 & UP											
Granted											0
Restricted									3	2	5
Denied									2		2
Cancelled or Pending Applications											9
TOTALS	10				4		6		18	2	49

Table No. MR3

NEUROLOGY APPLICATIONS - 1985
CLASS OF LICENCE APPLIED FOR AND DISPOSITION

AGE -	DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
16 - 19		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
	Granted									4		4
	Restricted											0
	Denied											0
20 - 24												
	Granted			1						5	2	8
	Restricted											0
	Denied											0
25 - 34												
	Granted			1		1				4	4	10
	Restricted	1								1		2
	Denied											0
35 - 44												
	Granted	1				1				7	3	12
	Restricted									2		2
	Denied											0
45 - 54												
	Granted	3				2				4		9
	Restricted	1						1				2
	Denied									1		1

Table No. MR3

AGE - DISPOSITION	CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		TOTALS
55 - 64	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
Granted	1		1						3	1	6
Restricted											0
Denied											0
65 - 74											
Granted									1		1
Restricted									1		1
Denied											0
75 & UP											
Granted											0
Restricted											0
Denied											0
Cancelled or Pending Applications											14
TOTALS	7		3		4		1		33	10	72